

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Akron, OH</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.1	5.3	3.3	3.4	3.2	2.6	2.5	2.4	2.7	1.8
SO2												
2nd daily max	ns	1	0.056	0.042	0.046	0.042	0.072	0.044	0.065	0.044	0.044	0.06
Annual mean	ns	1	0.015	0.012	0.009	0.01	0.012	0.01	0.011	0.009	0.01	0.01
Ozone												
2nd highest daily max	ns	2	0.108	0.1	0.117	0.105	0.103	0.112	0.115	0.106	0.113	0.12
4th highest daily max 8-h average	ns	2	0.093	0.086	0.092	0.091	0.087	0.097	0.097	0.085	0.096	0.1
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	41.45	37.15	44.1	41.9
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	17.215	16.435	16.75	16.745
<b>Albany, GA</b>												
PM2.5*												
98th percentile	NA	1	ND	37.7	36.1	30.5						
Weighted annual mean	NA	1	ND	16.61	14.64	13.82						
<b>Albany-Schenectady-Troy, NY</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.8	5.2	4.3	3.7	4.5	4.4	4.2	2.9	2.4	3.4
SO2												
2nd daily max	down	1	0.028	0.037	0.023	0.025	0.02	0.016	0.016	0.02	0.024	0.019
Annual mean	ns	1	0.006	0.007	0.003	0.004	0.003	0.004	0.003	0.004	0.005	0.004
Ozone												
2nd highest daily max	ns	2	0.102	0.103	0.101	0.095	0.094	0.096	0.106	0.08	0.104	0.113
4th highest daily max 8-h average	ns	2	0.083	0.078	0.08	0.077	0.077	0.075	0.082	0.066	0.086	0.088
PM2.5*												
98th percentile	NA	2	ND	25.3	32.1	33.65						
Weighted annual mean	NA	2	ND	10.54	10.685	10.91						
<b>Albuquerque, NM</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	6.2	5	4.35	4.3	4.05	3.85	4.05	3.45	3.25	2.8
NO2												
Annual mean	ns	1	0.024	0.023	0.018	0.022	0.019	0.016	0.016	0.017	0.017	0.019
Ozone												
2nd highest daily max	ns	2	0.086	0.078	0.082	0.089	0.088	0.089	0.091	0.088	0.085	0.087
4th highest daily max 8-h average	up	2	0.065	0.063	0.061	0.071	0.071	0.07	0.071	0.07	0.07	0.075
PM10*												
90th percentile	down	2	43	36	36.5	30.5	30.5	28.5	28.5	29.5	27.5	39.5
Weighted annual mean	down	2	26.85	22.6	22.4	20.5	19.7	19.2	19.3	18.65	18.7	24.55
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	22.1	17.5	19.7	18.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	6.54	6.39	6.39	6.31
<b>Alexandria, LA</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	30.7	30.1	29.4	24.7
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	14.29	13.35	12.15	10.55
<b>Allentown-Bethlehem-Easton, PA</b>												
Lead												
Maximum quarterly value	ns	1	0.181	0.131	0.074	0.083	0.093	0.12	0.071	0.111	0.071	0.088
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.5	4.7	4.8	3.2	2.7	2.9	3.2	2.6	3.3	2.3
SO2												
2nd daily max	down	1	0.034	0.053	0.028	0.035	0.03	0.03	0.03	0.027	0.028	0.028
Annual mean	ns	1	0.007	0.008	0.006	0.006	0.008	0.008	0.006	0.007	0.007	0.008
NO2												
Annual mean	down	1	0.02	0.021	0.018	0.018	0.016	0.016	0.015	0.013	0.017	0.014
Ozone												
2nd highest daily max	up	1	0.104	0.105	0.109	0.114	0.116	0.106	0.125	0.112	0.126	0.114
4th highest daily max 8-h average	ns	1	0.082	0.084	0.091	0.094	0.101	0.095	0.105	0.091	0.094	0.094
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	31.4	37.75	42.85	39.9
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	12.37	13.975	15.215	13.62

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Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Altoona, PA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	2	2.4	1.7	1.9	1.5	1.2	1.6	1	1.1	0.7
SO2												
2nd daily max	ns	1	0.052	0.058	0.037	0.033	0.046	0.032	0.03	0.045	0.042	0.032
Annual mean	ns	1	0.009	0.01	0.008	0.008	0.01	0.008	0.007	0.006	0.009	0.007
NO2												
Annual mean	ns	1	0.015	0.015	0.013	0.013	0.014	0.013	0.013	0.014	0.014	0.013
Ozone												
2nd highest daily max	ns	1	0.1	0.106	0.112	0.101	0.114	0.114	0.111	0.104	0.107	0.102
4th highest daily max 8-h average	ns	1	0.086	0.092	0.091	0.083	0.096	0.098	0.091	0.08	0.083	0.089
<b>Anchorage, AK</b>												
PM2.5*												
98th percentile	NA	1	ND	20.2	16.3	18.2						
Weighted annual mean	NA	1	ND	6.05	6.17	6.92						
<b>Ann Arbor, MI</b>												
Ozone												
2nd highest daily max	ns	1	0.09	0.094	0.11	0.104	0.089	0.097	0.09	0.094	0.103	0.1
4th highest daily max 8-h average	ns	1	0.074	0.084	0.089	0.085	0.076	0.086	0.083	0.082	0.086	0.089
PM2.5*												
98th percentile	NA	2	ND	31.7	39.1	31.1						
Weighted annual mean	NA	2	ND	13.73	13.995	14.215						
<b>Asheville, NC</b>												
Ozone												
2nd highest daily max	up	1	0.079	0.084	0.085	0.084	0.09	0.114	0.099	0.107	0.091	0.106
4th highest daily max 8-h average	up	1	0.066	0.069	0.076	0.074	0.075	0.09	0.084	0.09	0.076	0.09
PM10*												
90th percentile	ns	1	43	30	28	29	38	36	36	33	26	28
Weighted annual mean	down	1	22.3	19	18.4	18.8	20.7	20.1	20.5	18.3	17.5	7.6
PM2.5*												
98th percentile	NA	1	ND	31.6	30.5	29.4						
Weighted annual mean	NA	1	ND	15.61	14.195	13.77						
<b>Athens, GA</b>												
PM2.5*												
98th percentile	NA	1	ND	48.2	39.7	50.9						
Weighted annual mean	NA	1	ND	19.84	18.48	17.53						
Weighted annual mean	NA	1	ND	19.84	18.48	14.96						
<b>Atlanta, GA</b>												
Lead												
Maximum quarterly value	ns	1	0.02	0.02	0.027	0.02	0.017	0.013	0.053	0.04	0.05	0.037
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.9	5.3	4.5	3.7	4.3	4.1	4.1	3.2	4.1	3.6
SO2												
2nd daily max	down	2	0.026	0.026	0.019	0.021	0.023	0.018	0.019	0.019	0.015	0.018
Annual mean	down	2	0.006	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
NO2												
Annual mean	ns	1	0.025	0.023	0.019	0.027	0.025	0.024	0.024	0.023	0.023	0.019
Ozone												
2nd highest daily max	ns	1	0.158	0.125	0.145	0.137	0.133	0.157	0.156	0.158	0.114	0.123
4th highest daily max 8-h average	ns	1	0.122	0.089	0.118	0.11	0.104	0.126	0.124	0.113	0.084	0.1
PM10*												
90th percentile	ns	1	57	53	56	48	61	53	56	52	85	45
Weighted annual mean	ns	1	35.1	32.2	33.3	31.2	32.2	31.1	34.9	36	37.6	26.4
PM2.5*												
98th percentile	NA	3	ND	46.05	51	37.867						
Weighted annual mean	NA	3	ND	22.035	19.987	17.79						
Weighted annual mean	NA	3	ND	22.035	19.987	15.93						
<b>Atlantic-Cape May, NJ</b>												
SO2												
2nd daily max	down	1	0.014	0.019	0.011	0.014	0.011	0.01	0.009	0.013	0.01	0.009
Annual mean	down	1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Ozone												
2nd highest daily max	ns	1	0.115	0.099	0.116	0.108	0.131	0.118	0.118	0.108	0.105	0.107
4th highest daily max 8-h average	ns	1	0.093	0.083	0.1	0.095	0.106	0.091	0.095	0.085	0.095	0.093

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Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Augusta-Aiken, GA-SC</b>												
Lead												
Maximum quarterly value	down	1	0.012	0.011	0.006	0.004	0.009	0.02	0.003	0.006	0.004	0.002
NO2												
Annual mean	ns	1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004
Ozone												
2nd highest daily max	ns	3	0.1	0.093	0.1	0.098	0.104	0.116	0.106	0.106	0.096	0.107
4th highest daily max 8-h average	ns	3	0.084	0.08	0.079	0.083	0.083	0.096	0.087	0.087	0.08	0.092
PM10*												
90th percentile	ns	1	35	35	29	29	31	38	35	30	27	28
Weighted annual mean	ns	1	22.1	21.3	18.7	18.7	21.4	22.4	21.1	20.5	16.7	17.2
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	42.3	34.9	28.45	28.4
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	19.89	16.005	13.78	13.295
<b>Austin-San Marcos, TX</b>												
Ozone												
2nd highest daily max	ns	1	0.091	0.102	0.105	0.098	0.089	0.115	0.102	0.107	0.091	0.103
4th highest daily max 8-h average	ns	1	0.08	0.085	0.089	0.08	0.075	0.088	0.087	0.088	0.078	0.091
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	ND	24.5	20.85	27.35
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	ND	10.925	9.625	10.565
<b>Bakersfield, CA</b>												
Lead												
Maximum quarterly value	down	1	0.013	0.013	0.013	0.012	0.011	0.015	0.01	0.011	0.008	0.008
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	3.6	3.6	3.6	3.6	2.7	2.8	5	5.2	3.2	2.5
NO2												
Annual mean	down	2	0.02	0.02	0.018	0.019	0.016	0.016	0.018	0.016	0.012	0.017
Ozone												
2nd highest daily max	ns	2	0.136	0.133	0.133	0.144	0.122	0.132	0.122	0.128	0.124	0.133
4th highest daily max 8-h average	ns	2	0.103	0.104	0.106	0.117	0.098	0.11	0.103	0.105	0.102	0.11
PM10*												
90th percentile	ns	1	103	103	103	87	69	103	109	87	111	87
Weighted annual mean	ns	1	58.2	58.2	58.2	53.6	46.5	47	59.3	53.6	59.8	59.1
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	95.3	93.9	95.9	80.4
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	26.36	22.63	21.83	24.08
<b>Baltimore, MD</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.9	5.7	4.2	3.9	4.8	3.3	4.6	3.4	3.3	3
SO2												
2nd daily max	ns	1	0.024	0.029	0.022	0.028	0.025	0.021	0.02	0.024	0.026	0.021
Annual mean	down	1	0.007	0.008	0.006	0.008	0.007	0.007	0.006	0.006	0.006	0.006
NO2												
Annual mean	down	1	0.033	0.032	0.026	0.027	0.026	0.026	0.024	0.024	0.023	0.025
Ozone												
2nd highest daily max	ns	3	0.135	0.121	0.135	0.112	0.134	0.12	0.135	0.111	0.122	0.138
4th highest daily max 8-h average	ns	3	0.106	0.09	0.104	0.086	0.1	0.098	0.107	0.089	0.094	0.105
PM10*												
90th percentile	down	4	49.5	48	46	40.75	43.75	45	39.5	44	41.75	35.75
Weighted annual mean	down	4	29.375	29.225	27.475	25.9	27.058	26.542	24.975	26.225	24.95	20.825
PM2.5*												
98th percentile	NA	5	ND	ND	ND	ND	ND	ND	ND	37.24	40.3	39.08
Weighted annual mean	NA	5	ND	ND	ND	ND	ND	ND	ND	16.58	16.052	14.966
<b>Bangor, ME</b>												
PM10*												
90th percentile	ns	1	34	35	32	27	33	34	24	31	32	33
Weighted annual mean	down	1	22.2	21.9	20	18.8	21.1	17.5	16.7	17.3	17.1	16.6
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	25.7	22.8	31.1	27
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	8.98	9.08	10.09	10.44

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Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Baton Rouge, LA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	9	4.6	3.4	4.7	5.4	3.9	4.5	3.6	4.8	3.7
SO2												
2nd daily max	ns	2	0.023	0.021	0.026	0.022	0.023	0.027	0.022	0.023	0.021	0.027
Annual mean	ns	2	0.006	0.006	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.006
NO2												
Annual mean	ns	2	0.015	0.017	0.017	0.018	0.017	0.017	0.017	0.017	0.017	0.017
Ozone												
2nd highest daily max	ns	3	0.117	0.121	0.12	0.118	0.122	0.123	0.117	0.127	0.106	0.112
4th highest daily max 8-h average	ns	3	0.084	0.084	0.091	0.089	0.09	0.087	0.087	0.093	0.08	0.078
PM10*												
90th percentile	up	1	29	40	40	40	45	48.5	52	52	55	37
Weighted annual mean	up	1	18.2	26.8	25.9	26.4	27	30.35	33.7	31.8	32.6	26.4
PM2.5*												
98th percentile	NA	2	ND	32.05	35.55	30.2						
Weighted annual mean	NA	2	ND	15.005	14.42	13.39						
<b>Beaumont-Port Arthur, TX</b>												
SO2												
2nd daily max	ns	1	0.059	0.05	0.031	0.044	0.038	0.028	0.023	0.046	0.039	0.03
Annual mean	down	1	0.008	0.007	0.006	0.006	0.006	0.004	0.003	0.005	0.005	0.004
NO2												
Annual mean	down	2	0.009	0.01	0.01	0.01	0.01	0.008	0.01	0.008	0.009	0.008
Ozone												
2nd highest daily max	ns	1	0.11	0.118	0.12	0.119	0.156	0.11	0.092	0.124	0.093	0.111
4th highest daily max 8-h average	ns	1	0.085	0.082	0.088	0.08	0.09	0.073	0.064	0.087	0.073	0.085
<b>Bellingham, WA</b>												
Ozone												
2nd highest daily max	down	1	0.08	0.082	0.079	0.078	0.07	0.07	0.062	0.063	0.061	0.067
4th highest daily max 8-h average	down	1	0.058	0.059	0.054	0.062	0.052	0.056	0.05	0.052	0.05	0.053
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	24.5	20.7	18.3	23.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	8.08	8.38	7.17	7.8
<b>Benton Harbor, MI</b>												
Ozone												
2nd highest daily max	ns	1	0.093	0.116	0.115	0.125	0.118	0.136	0.107	0.107	0.117	0.118
4th highest daily max 8-h average	ns	1	0.079	0.086	0.098	0.098	0.099	0.093	0.096	0.077	0.088	0.098
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	35.4	29.7	32.3	30.6
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.27	12.11	13.16	12.53
<b>Bergen-Passaic, NJ</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.5	5.3	5	3.6	3.65	3.7	3.8	3.4	2.6	2.6
SO2												
2nd daily max	ns	1	0.023	0.028	0.023	0.018	0.018	0.018	0.02	0.02	0.018	0.018
Annual mean	down	1	0.007	0.006	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.004
PM10*												
90th percentile	ns	1	59	71	53	58	58.5	59	53	61	63	49
Weighted annual mean	ns	1	36.5	40.9	34.6	37.4	38.25	39.1	34.3	36.5	36.3	28.8
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	39.65	35.9	34.775	33.95
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	12.985	14.155	13.918	12.94
<b>Billings, MT</b>												
SO2												
2nd daily max	down	2	0.099	0.073	0.066	0.048	0.033	0.024	0.02	0.02	0.025	0.024
Annual mean	down	2	0.023	0.017	0.013	0.008	0.006	0.006	0.005	0.005	0.006	0.006
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	16.6	24.7	23.4	14.2
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	7.98	8.07	7.55	6.56
<b>Biloxi-Gulfport-Pascagoula, MS</b>												
SO2												
2nd daily max	ns	2	0.026	0.018	0.018	0.03	0.021	0.019	0.02	0.022	0.011	0.021
Annual mean	down	2	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002

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Ozone												
2nd highest daily max	ns	2	0.094	0.105	0.104	0.103	0.103	0.113	0.107	0.121	0.097	0.09
4th highest daily max 8-h average	ns	2	0.076	0.085	0.085	0.079	0.087	0.093	0.09	0.09	0.083	0.075
PM10*												
90th percentile	ns	1	31	32	26	28	40	36	28	29	26	24
Weighted annual mean	down	1	20.4	20.9	18.7	17.7	21.4	20.3	14.7	16.2	17.7	15.2
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	32.65	29.65	24.15	21.2
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	14.93	12.825	11.215	10.24
Binghamton, NY												
PM2.5*												
98th percentile	NA	1	ND	25.3	29.6	38.7						
Weighted annual mean	NA	1	ND	11.6	11.1	11.51						
Birmingham, AL												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	7.1	6.9	6.4	4.9	5.9	4.4	4.4	3.7	6.3	3.7
SO2												
2nd daily max	ns	1	0.05	0.037	0.016	0.015	0.018	0.032	0.057	0.057	0.019	0.015
Annual mean	ns	1	0.009	0.007	0.006	0.004	0.006	0.007	0.009	0.01	0.004	0.004
Ozone												
2nd highest daily max	ns	2	0.118	0.103	0.124	0.122	0.113	0.132	0.121	0.119	0.107	0.11
4th highest daily max 8-h average	ns	2	0.091	0.081	0.1	0.094	0.085	0.104	0.096	0.093	0.084	0.087
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	52.7	45.5	36.25	35.9
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	23.41	19.51	16.275	14.895
Bismarck, ND												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	23	14.3	17.1	15.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	7.61	6.62	6.68	6.38
Bloomington-Normal, IL												
PM2.5*												
98th percentile	NA	1	ND	32.5	32.4	25.7						
Weighted annual mean	NA	1	ND	14.86	14.79	12.85						
Boise City, ID												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	6.4	5.4	6.4	5	6.2	3.9	4.6	3.1	3.2	3.1
PM10*												
90th percentile	ns	1	62	57	47	40	40	30	47	41	34	49
Weighted annual mean	down	1	32.9	31.5	24.8	23.7	24.1	17.7	23.7	23	22.9	25.7
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	31.35	36.3	44.7	32.65
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	9.045	9.24	10.37	9.69
Boston, MA-NH												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	3.6	4.3	3.55	3.25	3.3	2.9	3.9	2.35	2.45	1.6
SO2												
2nd daily max	down	3	0.035	0.035	0.025	0.023	0.032	0.028	0.024	0.025	0.019	0.018
Annual mean	down	3	0.01	0.009	0.007	0.007	0.008	0.008	0.007	0.005	0.005	0.005
NO2												
Annual mean	down	4	0.026	0.027	0.024	0.024	0.024	0.024	0.023	0.02	0.021	0.02
Ozone												
2nd highest daily max	ns	1	0.102	0.121	0.119	0.105	0.105	0.113	0.115	0.085	0.122	0.145
4th highest daily max 8-h average	ns	1	0.078	0.09	0.094	0.083	0.091	0.1	0.088	0.07	0.1	0.1
PM10*												
90th percentile	ns	1	44	45	41	33	37	42	43	36	40	41
Weighted annual mean	ns	1	30.2	28.2	26.2	24.4	24.7	26.4	29.6	24.5	26.8	24.6
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	33	27.2	31.5	29.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	11.31	11.35	12.13	10.06
Boulder-Longmont, CO												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	6.4	6.2	4.7	5.5	5.4	4.7	3.7	3.1	3.5	3.2

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ozone												
2nd highest daily max	ns	1	0.092	0.092	0.09	0.087	0.092	0.111	0.099	0.09	0.088	0.094
4th highest daily max 8-h average	ns	1	0.072	0.072	0.074	0.075	0.072	0.089	0.075	0.072	0.071	0.078
PM10*												
90th percentile	ns	1	35	35	35	30	31	36	35	32	36	37
Weighted annual mean	up	1	19.5	19.5	19.5	19.6	20.9	24.1	22.5	22.4	24.2	23.4
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	21.4	20.1	22.85	22.95
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	7.53	8.82	9.145	8.635
Brazoria, TX												
Ozone												
2nd highest daily max	ns	1	0.132	0.112	0.148	0.11	0.137	0.111	0.161	0.136	0.113	0.136
4th highest daily max 8-h average	ns	1	0.092	0.085	0.113	0.079	0.085	0.09	0.112	0.079	0.084	0.095
PM2.5*												
98th percentile	NA	1	ND	25.3	24.9	22.7						
Weighted annual mean	NA	1	ND	10.48	10.21	9.47						
Bridgeport, CT												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.7	5.8	4.9	3	4	2.8	3.2	2.4	2.7	2.5
SO2												
2nd daily max	ns	1	0.035	0.049	0.028	0.023	0.031	0.024	0.023	0.024	0.029	0.029
Annual mean	down	1	0.01	0.01	0.007	0.006	0.007	0.007	0.006	0.006	0.007	0.005
Ozone												
2nd highest daily max	ns	1	0.165	0.174	0.14	0.123	0.135	0.134	0.14	0.122	0.144	0.145
4th highest daily max 8-h average	ns	1	0.111	0.093	0.115	0.096	0.103	0.097	0.096	0.09	0.102	0.103
PM10*												
90th percentile	ns	1	43	46	37	32	34	33	30	37	36	34
Weighted annual mean	down	1	20.8	25.7	21.8	20.6	21.4	20.8	19.4	20.4	19.3	17.4
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	31.1	41.5	40.1	32.9
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	13.06	13.89	13.73	12.7
Brockton, MA												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	26	28.95	31.9	35.9
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	11.08	11.63	12.18	11.64
Brownsville-Harlingen-San Benito, TX M												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.8	3.8	2.6	2.2	3.2	3.2	2.6	1.6	1.5	1.9
Ozone												
2nd highest daily max	ns	1	0.034	0.085	0.084	0.077	0.08	0.081	0.075	0.08	0.074	0.077
4th highest daily max 8-h average	down	1	0.072	0.072	0.069	0.065	0.065	0.069	0.066	0.064	0.063	0.065
PM10*												
90th percentile	ns	1	45	36	35	28	36	45	32	47	31	33
Weighted annual mean	ns	1	22.4	22.5	21.4	18.9	20.6	24.6	21.5	25.4	19.3	20
PM2.5*												
98th percentile	NA	1	ND	18.3	18	22.7						
Weighted annual mean	NA	1	ND	9.59	9.75	9.79						
Buffalo-Niagara Falls, NY												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.4	4.2	3.1	3.7	3.3	3.1	2.2	2	1.9	1.8
SO2												
2nd daily max	ns	2	0.04	0.043	0.039	0.033	0.057	0.034	0.037	0.038	0.037	0.046
Annual mean	ns	2	0.01	0.011	0.008	0.008	0.009	0.008	0.008	0.008	0.008	0.008
NO2												
Annual mean	ns	2	0.017	0.019	0.019	0.019	0.018	0.018	0.019	0.018	0.018	0.017
Ozone												
2nd highest daily max	up	1	0.088	0.088	0.099	0.091	0.088	0.111	0.102	0.105	0.116	0.116
4th highest daily max 8-h average	up	1	0.072	0.079	0.082	0.074	0.073	0.094	0.09	0.085	0.102	0.105
PM2.5*												
98th percentile	NA	3	ND	30.033	39.767	38.333						
Weighted annual mean	NA	3	ND	13.45	13.29	12.363						

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Burlington, VT</b>												
PM2.5*												
98th percentile	NA	1	ND	22.7	29.9	38						
Weighted annual mean	NA	1	ND	8.32	9.74	9.89						
<b>Canton-Massillon, OH</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	3.2	5.2	3	2.5	2.5	3.5	2.3	2.6	2.6	2.8
SO2												
2nd daily max	down	1	0.046	0.052	0.033	0.032	0.025	0.029	0.028	0.028	0.025	0.021
Annual mean	ns	1	0.01	0.009	0.006	0.006	0.007	0.007	0.007	0.008	0.007	0.007
Ozone												
2nd highest daily max	ns	2	0.104	0.098	0.111	0.096	0.096	0.114	0.105	0.099	0.105	0.108
4th highest daily max 8-h average	ns	2	0.09	0.084	0.093	0.085	0.083	0.096	0.09	0.084	0.089	0.096
PM10*												
90th percentile	ns	3	41	47.667	48.667	35.667	41.333	43.333	35.333	37.667	33	39
Weighted annual mean	down	3	24.633	27.233	27.567	23.967	24.067	24.433	23.133	23	21.733	21.367
PM2.5*												
98th percentile	NA	2	ND	41.7	38.8	44.6						
Weighted annual mean	NA	2	ND	17.735	17.785	17.225						
<b>Casper, WY</b>												
PM10*												
90th percentile	ns	1	27	34	32	33	29	31	29	30	31	30
Weighted annual mean	ns	1	17.7	17.3	19.4	19.1	15.7	17.2	19.7	17	18.7	17.1
<b>Cedar Rapids, IA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.2	4.2	2.6	7.8	2.4	2.5	2	1.8	1.9	1.4
SO2												
2nd daily max	ns	2	0.017	0.016	0.013	0.011	0.012	0.01	0.016	0.008	0.015	0.018
Annual mean	ns	2	0.003	0.003	0.003	0.002	0.003	0.003	0.003	0.002	0.002	0.002
PM10*												
90th percentile	up	1	32	33	34	33	41	42	34	47	39	35
Weighted annual mean	up	1	20.7	21.5	21.4	20.9	25.7	26.4	23.3	31.6	26.7	24
PM2.5*												
98th percentile	NA	2	ND	32.15	27.95	33.9						
Weighted annual mean	NA	2	ND	11.7	10.78	11.635						
<b>Champaign-Urbana, IL</b>												
SO2												
2nd daily max	ns	1	0.015	0.024	0.011	0.013	0.018	0.019	0.01	0.016	0.016	0.016
Annual mean	down	1	0.004	0.004	0.003	0.003	0.004	0.003	0.002	0.002	0.002	0.002
Ozone												
2nd highest daily max	ns	1	0.074	0.094	0.095	0.094	0.088	0.105	0.108	0.084	0.08	0.091
4th highest daily max 8-h average	ns	1	0.066	0.083	0.084	0.085	0.076	0.083	0.094	0.073	0.073	0.082
PM2.5*												
98th percentile	NA	1	ND	27.8	29.3	23.4						
Weighted annual mean	NA	1	ND	14.82	12.59	12.2						
<b>Charleston-North Charleston, SC</b>												
Lead												
Maximum quarterly value	ns	2	0.012	0.015	0.01	0.016	0.011	0.021	0.01	0.02	0.008	0.005
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.8	4	6.4	4.7	3.9	2.9	4	2.7	3	2.8
SO2												
2nd daily max	down	1	0.025	0.038	0.02	0.021	0.022	0.013	0.011	0.013	0.011	0.01
Annual mean	down	1	0.004	0.004	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.003
NO2												
Annual mean	ns	1	0.012	0.011	0.011	0.01	0.011	0.01	0.01	0.011	0.011	0.01
Ozone												
2nd highest daily max	ns	1	0.109	0.097	0.087	0.099	0.09	0.106	0.099	0.093	0.085	0.095
4th highest daily max 8-h average	ns	1	0.076	0.074	0.066	0.076	0.072	0.083	0.081	0.08	0.071	0.074
PM10*												
90th percentile	ns	2	40.5	38.5	30.5	32.5	31	40	31.5	35.5	32	26.5
Weighted annual mean	down	2	25.65	24.9	20.7	21.65	21	22.8	20.8	22.6	20.45	17.8
PM2.5*												
98th percentile	NA	1	ND	30.3	25.8	27.2						
Weighted annual mean	NA	1	ND	13.44	11.97	11.64						

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Charleston, WV</b>												
PM10*												
90th percentile	ns	1	52	49	40	41	32	35	37	44	41	36
Weighted annual mean	ns	1	29.2	28.1	26	24	21.1	21.4	21.9	26.5	24.8	23.4
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	38.7	37	44.5	38.6
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	17.89	18.2	18.1	17.2
<b>Charlotte-Gastonia-Rock Hill, NC-SC M</b>												
CO												
Maximum quarterly value	ns	1	0.016	0.032	0.013	0.01	0.007	0.021	0.018	0.042	0.008	0.006
Ozone												
2nd max (daily-non-overlapping 8-h)	down	1	5.8	5.8	4.7	4.4	6	5	4.3	4.7	4.3	3.2
PM10*												
90th percentile	ns	3	41.333	43.667	41.667	44	43.667	49.667	43.667	47.333	38.667	41
Weighted annual mean	ns	3	28.467	29.1	27.767	30.4	28.433	29.767	27.8	29.267	25.9	24.933
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	37.5	32.95	31.85	31
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	17.58	16.54	15.16	14.28
<b>Charlottesville, VA</b>												
PM10*												
90th percentile	ns	1	40	33	41	35	36	33	32	43	32	30
Weighted annual mean	down	1	23.7	21.5	22.5	21.3	20.9	22.7	19.9	22.9	17.8	19.4
<b>Chattanooga, TN-GA</b>												
Ozone												
2nd highest daily max	ns	2	0.104	0.114	0.108	0.113	0.107	0.129	0.117	0.119	0.106	0.111
4th highest daily max 8-h average	ns	2	0.088	0.088	0.09	0.088	0.088	0.1	0.096	0.097	0.085	0.097
PM10*												
90th percentile	down	1	49	50	51	49	43	43	42	45	42	33
Weighted annual mean	down	1	32.1	33.9	32.1	32.5	26.4	27	26.9	28.9	26.9	21.8
<b>Cheyenne, WY</b>												
PM10*												
90th percentile	ns	1	24	28	26	25	20	22	23	24	26	29
Weighted annual mean	ns	1	15.5	17.8	14.6	15.1	12.9	13.9	14.9	15.7	15.7	16.4
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	12.4	13.2	12.2	13.8
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	5.57	5.58	5.03	4.66
<b>Chicago, IL</b>												
CO												
Maximum quarterly value	down	2	0.076	0.077	0.061	0.059	0.059	0.063	0.042	0.085	0.038	0.037
SO2												
2nd daily max	ns	3	0.044	0.042	0.032	0.028	0.033	0.039	0.036	0.043	0.023	0.022
Annual mean	ns	3	0.007	0.007	0.006	0.006	0.007	0.007	0.007	0.007	0.005	0.005
NO2												
Annual mean	ns	1	0.031	0.032	0.032	0.031	0.034	0.032	0.032	0.032	0.032	0.032
Ozone												
2nd highest daily max	ns	3	0.085	0.098	0.114	0.102	0.105	0.096	0.104	0.083	0.093	0.104
4th highest daily max 8-h average	ns	3	0.068	0.076	0.085	0.077	0.082	0.078	0.089	0.067	0.073	0.082
PM10*												
90th percentile	ns	1	67	67	67	61	59	59	66	68	72	69
Weighted annual mean	ns	1	37.4	37.4	37.4	35.8	33.9	35.2	36.1	35.1	38	36.1
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	54.1	40.65	45.95	40.35
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	21.85	19.265	20.12	17.11
<b>Chico-Paradise, CA</b>												
CO												
Maximum quarterly value	ns	1	0.01	0.008	0.005	0.005	0.006	0.006	0.004	0.005	0.005	0.005
SO2												
2nd max (daily-non-overlapping 8-h)	ns	1	3.9	4.1	3.5	3.4	3.5	3.8	4	3.5	3.8	3.4
NO2												
Annual mean	down	1	0.016	0.015	0.014	0.013	0.013	0.013	0.015	0.012	0.012	0.012

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ozone												
2nd highest daily max	ns	1	0.09	0.097	0.091	0.096	0.074	0.103	0.11	0.091	0.094	0.092
4th highest daily max 8-h average	ns	1	0.076	0.082	0.076	0.074	0.066	0.078	0.087	0.078	0.08	0.081
PM10*												
90th percentile	ns	1	60	55	52	40	40	37	50	56	47	49
Weighted annual mean	ns	1	27.2	33.3	26.3	25	25.9	22.3	28.6	27.4	29.2	28.1
PM2.5*												
98th percentile	NA	1	ND	70	56	53						
Weighted annual mean	NA	1	ND	16.26	13.01	15.13						
Cincinnati, OH-KY-IN												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.8	4.1	3.1	2.7	2.4	2.5	2.5	2.4	2.2	2.6
SO2												
2nd daily max	ns	1	0.037	0.051	0.025	0.045	0.045	0.036	0.03	0.053	0.042	0.043
Annual mean	ns	1	0.011	0.009	0.007	0.011	0.01	0.01	0.008	0.009	0.011	0.01
Ozone												
2nd highest daily max	ns	1	0.104	0.118	0.114	0.112	0.11	0.121	0.105	0.11	0.106	0.115
4th highest daily max 8-h average	ns	1	0.08	0.099	0.098	0.088	0.084	0.091	0.091	0.087	0.082	0.096
PM10*												
90th percentile	down	2	54.5	47.5	53	41	44	43.75	42	43	40.5	37.5
Weighted annual mean	down	2	28.75	28.25	29.9	25.6	25.65	25.675	24.7	25	23.3	21.95
PM2.5*												
98th percentile	NA	4	ND	ND	ND	ND	ND	ND	35.433	37.2	40.3	40.375
Weighted annual mean	NA	4	ND	ND	ND	ND	ND	ND	17	16.83	15.695	15.763
Clarksville-Hopkinsville, TN-KY												
SO2												
2nd daily max	down	1	0.058	0.037	0.019	0.023	0.026	0.02	0.016	0.018	0.017	0.017
Annual mean	ns	1	0.01	0.007	0.006	0.006	0.005	0.006	0.005	0.006	0.005	0.007
Ozone												
2nd highest daily max	ns	1	0.103	0.103	0.102	0.1	0.099	0.111	0.115	0.099	0.096	0.1
4th highest daily max 8-h average	ns	1	0.082	0.092	0.086	0.079	0.082	0.086	0.092	0.081	0.082	0.093
PM10*												
90th percentile	down	1	40	40	40	41	35	39	36	40	31	30
Weighted annual mean	down	1	25.8	25.8	25.8	24.9	21.4	23.1	22.9	23.3	20.4	19.3
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	30.1	38.3	27.2	29.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	15.12	15.45	13.51	13.09
Cleveland-Lorain-Elyria, OH												
Maximum quarterly value												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.6	7.7	8.2	4.9	4.5	3.9	3.9	3.2	3.5	2.2
SO2												
2nd daily max	down	2	0.053	0.047	0.039	0.037	0.044	0.046	0.044	0.031	0.029	0.029
Annual mean	down	2	0.014	0.012	0.01	0.01	0.01	0.01	0.01	0.008	0.008	0.008
NO2												
Annual mean	down	1	0.028	0.028	0.027	0.026	0.028	0.027	0.025	0.023	0.024	0.022
Ozone												
2nd highest daily max	ns	1	0.107	0.093	0.108	0.103	0.096	0.12	0.118	0.101	0.108	0.108
4th highest daily max 8-h average	ns	1	0.084	0.074	0.088	0.089	0.084	0.098	0.092	0.081	0.086	0.088
PM10*												
90th percentile	down	3	81	76.667	78	65	67.667	66.667	67.333	69	65	55.333
Weighted annual mean	down	3	38.867	46.933	45.667	40.433	40.1	42.5	41.4	40.4	38.7	33.033
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	43.967	44.267	44.4	41.467
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	19.16	19.573	18.33	17.287
Colorado Springs, CO												
Maximum quarterly value												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.7	4.9	5.5	5	4.9	3.8	4.2	3	2.8	5.2
SO2												
2nd daily max	down	1	0.011	0.01	0.01	0.008	0.007	0.007	0.008	0.006	0.006	0.006
Annual mean	down	1	0.003	0.004	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO2												
Annual mean	ns	1	0.008	0.008	0.008	0.007	0.008	0.007	0.007	0.009	0.008	0.008

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
PM10*												
90th percentile	ns	3	40	36	35	31.333	28.333	30.667	27	30.333	32	34.333
Weighted annual mean	ns	3	23.067	21.5	19.7	19.333	18.7	18.833	18.233	18.6	20.2	21.533
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	14.6	15.5	19.6
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	7.58	7.72	7.77
Columbia, SC												
SO2												
2nd daily max	ns	2	0.013	0.013	0.011	0.015	0.015	0.016	0.013	0.012	0.014	0.014
Annual mean	ns	2	0.003	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003
NO2												
Annual mean	ns	1	0.013	0.011	0.013	0.013	0.011	0.014	0.014	0.014	0.014	0.012
Ozone												
2nd highest daily max	ns	1	0.112	0.103	0.104	0.088	0.108	0.116	0.117	0.113	0.104	0.101
4th highest daily max 8-h average	ns	1	0.089	0.082	0.079	0.074	0.086	0.098	0.094	0.096	0.082	0.084
PM10*												
90th percentile	ns	2	73.5	71	72	69	75.5	89.5	83.5	70.5	65.5	60.5
Weighted annual mean	ns	2	41	40.65	40.6	38.75	42.75	48.6	47.55	40.6	39.75	34.6
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	ND	36.6	29.5	25
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	ND	15.9	15.795	12.99
Columbus, GA-AL												
Ozone												
2nd highest daily max	ns	1	0.097	0.097	0.113	0.095	0.094	0.108	0.107	0.105	0.088	0.095
4th highest daily max 8-h average	ns	1	0.075	0.075	0.089	0.08	0.08	0.091	0.089	0.087	0.073	0.079
PM10*												
90th percentile	ns	1	37	44	46	33	39	45	40	44	39	33
Weighted annual mean	ns	1	25.4	26.5	28.2	22.2	26.4	30.1	26.5	25.6	22.4	22.6
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	ND	44.1	46.5	40.1
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	ND	19.885	18.975	14.45
Columbus, OH												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.3	4.1	4.9	2.7	2.9	3.7	2.5	2.8	2.6	2.5
SO2												
2nd daily max	ns	1	0.032	0.04	0.016	0.015	0.021	0.018	0.015	0.019	0.017	0.017
Annual mean	ns	1	0.007	0.006	0.003	0.004	0.005	0.005	0.004	0.004	0.004	0.004
Ozone												
2nd highest daily max	ns	1	0.101	0.102	0.106	0.106	0.095	0.113	0.111	0.105	0.097	0.112
4th highest daily max 8-h average	ns	1	0.083	0.088	0.088	0.087	0.083	0.094	0.095	0.079	0.08	0.095
PM10*												
90th percentile	ns	1	50	46	53	39	63	70	62	54	52	44
Weighted annual mean	ns	1	27.1	26.7	30.6	24.8	30.9	34.2	32.6	34.1	30.5	29.2
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	ND	38.633	39.167	40.433
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	ND	17.603	17.597	16.003
Corpus Christi, TX												
Ozone												
2nd highest daily max	ns	1	0.11	0.103	0.109	0.099	0.094	0.102	0.103	0.099	0.092	0.104
4th highest daily max 8-h average	ns	1	0.08	0.079	0.089	0.083	0.077	0.082	0.084	0.083	0.077	0.084
PM10*												
90th percentile	ns	1	57	48	47	37	50	57	62	54	41	48
Weighted annual mean	ns	1	30.6	31.3	31.1	25.1	30.5	34.5	34.9	35.7	27.2	32.9
Corvallis, OR												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	31.6	30.1	27.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	7.05	7.88	7.64
Dallas, TX												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.4	4.4	4.4	5.3	4.6	4.4	3.2	2.2	2.4	2.1
SO2												
2nd daily max	ns	2	0.012	0.012	0.012	0.012	0.013	0.007	0.01	0.01	0.01	0.01
Annual mean	down	2	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.001

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
NO2												
Annual mean	down	1	0.02	0.02	0.02	0.02	0.018	0.02	0.021	0.019	0.019	0.018
PM10*												
90th percentile	ns	2	42.5	44	45	42	39.5	45.5	42.5	41.5	41.5	45.5
Weighted annual mean	ns	2	25.1	25.6	26.65	25.7	24.8	27.7	26.7	27.05	27.2	26.1
PM2.5*												
98th percentile	NA	1	ND	33	31.3	37.6						
Weighted annual mean	NA	1	ND	13.45	13.91	13.57						
Danbury, CT												
SO2												
2nd daily max	ns	1	0.024	0.037	0.02	0.02	0.024	0.02	0.024	0.017	0.022	0.023
Annual mean	down	1	0.006	0.006	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004
Ozone												
2nd highest daily max	ns	1	0.14	0.125	0.134	0.11	0.138	0.115	0.151	0.124	0.133	0.141
4th highest daily max 8-h average	ns	1	0.096	0.093	0.093	0.081	0.105	0.092	0.106	0.09	0.096	0.109
PM2.5*												
98th percentile	NA	1	ND	32.9	35.2	30.7						
Weighted annual mean	NA	1	ND	12.73	13.2	12.59						
Davenport-Moline-Rock Island, IA-IL M												
SO2												
2nd daily max	down	1	0.022	0.034	0.02	0.014	0.02	0.018	0.014	0.014	0.01	0.013
Annual mean	down	1	0.005	0.006	0.006	0.004	0.005	0.004	0.004	0.003	0.002	0.002
PM10*												
90th percentile	down	1	79	92	108	89	90	68	80	70	63	70
Weighted annual mean	down	1	46.5	59.9	66.8	50	49.3	37.9	43.5	40.2	36.2	42
PM2.5*												
98th percentile	NA	1	ND	29.7	30.3	33						
Weighted annual mean	NA	1	ND	13.14	12.75	13.21						
Dayton-Springfield, OH												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4	4.4	3.7	3	4	3.4	2.8	3.1	2.6	1.8
SO2												
2nd daily max	ns	1	0.028	0.034	0.017	0.031	0.022	0.016	0.017	0.018	0.017	0.023
Annual mean	ns	1	0.006	0.007	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.005
Ozone												
2nd highest daily max	ns	3	0.109	0.114	0.116	0.113	0.107	0.117	0.116	0.1	0.097	0.11
4th highest daily max 8-h average	ns	3	0.087	0.091	0.091	0.097	0.089	0.096	0.093	0.086	0.083	0.096
PM10*												
90th percentile	ns	1	50	44	48	38	40	45	45	44	42	37
Weighted annual mean	ns	1	24.9	25.5	27.3	22.7	24.5	24.5	23.6	26.7	25.2	23.8
Daytona Beach, FL												
Ozone												
2nd highest daily max	ns	2	0.094	0.084	0.083	0.079	0.086	0.094	0.087	0.087	0.085	0.085
4th highest daily max 8-h average	ns	2	0.074	0.072	0.068	0.066	0.072	0.079	0.075	0.075	0.072	0.068
PM2.5*												
98th percentile	NA	1	ND	25.2	26	21.7						
Weighted annual mean	NA	1	ND	11.36	10.48	10						
Decatur, IL												
SO2												
2nd daily max	ns	1	0.025	0.03	0.024	0.022	0.021	0.02	0.027	0.025	0.025	0.021
Annual mean	down	1	0.006	0.007	0.005	0.005	0.006	0.005	0.006	0.005	0.005	0.004
Ozone												
2nd highest daily max	ns	1	0.077	0.095	0.097	0.1	0.087	0.094	0.102	0.092	0.078	0.094
4th highest daily max 8-h average	ns	1	0.065	0.079	0.08	0.094	0.077	0.078	0.087	0.077	0.071	0.085
PM2.5*												
98th percentile	NA	1	ND	30.9	34.7	33.9						
Weighted annual mean	NA	1	ND	15.04	14.27	14.1						
Denver, CO												
CO												
Maximum quarterly value	ns	1	0.108	0.067	0.054	0.05	0.03	0.106	0.078	0.149	0.103	0.114
SO2												
2nd max (daily-non-overlapping 8-h)	down	1	10.4	8.2	9.5	7.3	5.5	4.7	5	5.4	4.1	3.7
SO2												
2nd daily max	ns	1	0.035	0.034	0.019	0.024	0.026	0.023	0.024	0.025	0.026	0.023
Annual mean	down	1	0.009	0.007	0.005	0.006	0.006	0.004	0.005	0.005	0.005	0.005

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
NO2												
Annual mean	up	1	0.034	0.035	0.035	0.033	0.034	0.035	0.036	0.036	0.037	0.035
Ozone												
2nd highest daily max	ns	2	0.103	0.098	0.098	0.103	0.095	0.115	0.099	0.101	0.102	0.105
4th highest daily max 8-h average	ns	2	0.079	0.076	0.077	0.081	0.076	0.087	0.079	0.081	0.08	0.086
PM10*												
90th percentile	ns	1	23	20	19	22	18	23	20	24	24	24
Weighted annual mean	ns	1	14.3	12.7	9.7	11.6	9.4	12.6	11.8	13.1	13.1	13.1
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	27.9	37.2	24.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	10.78	11.81	10.1
<b>Des Moines, IA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.4	4.9	5.7	3.6	3	4.1	3.5	2.7	2.3	2.7
Ozone												
2nd highest daily max	ns	1	0.08	0.073	0.081	0.082	0.075	0.065	0.069	0.071	0.067	0.071
4th highest daily max 8-h average	ns	1	0.04	0.052	0.071	0.064	0.063	0.056	0.059	0.061	0.06	0.059
PM10*												
90th percentile	ns	2	52	57.5	53	56	65	55.5	50.75	48	57	40.5
Weighted annual mean	ns	2	31.7	32.8	30.1	32.8	34	30.3	28.15	28.4	33.2	24.3
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	28.3	32.3	29.9
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	11.39	10.56	10.61
<b>Detroit, MI</b>												
CO												
Maximum Quarterly Value	ns	2	0.038	0.047	0.047	0.034	0.063	0.043	0.056	0.03	0.031	0.031
CO												
2nd max (daily-non-overlapping 8-h)	down	2	4.15	5.8	5	3.55	3.15	3.15	3.85	3.9	2.5	3
SO2												
2nd daily max	up	2	0.031	0.038	0.039	0.032	0.037	0.036	0.044	0.038	0.04	0.042
Annual mean	ns	2	0.008	0.008	0.007	0.007	0.007	0.008	0.009	0.007	0.007	0.007
NO2												
Annual mean	ns	1	0.022	0.025	0.022	0.02	0.026	0.023	0.024	0.024	0.023	0.021
Ozone												
2nd highest daily max	ns	2	0.102	0.128	0.114	0.099	0.115	0.115	0.112	0.091	0.112	0.11
4th highest daily max 8-h average	ns	2	0.076	0.095	0.081	0.085	0.085	0.092	0.09	0.076	0.091	0.094
PM10*												
90th percentile	down	3	63.667	71.667	65.667	53	55.667	63.667	61.667	59	57	52.333
Weighted annual mean	ns	3	37.567	43.5	38.7	33.6	33.2	33.833	35.733	35.333	34.867	30.733
PM2.5*												
98th percentile	NA	5	ND	ND	ND	ND	ND	ND	ND	31.9	40.34	42.64
Weighted annual mean	NA	5	ND	ND	ND	ND	ND	ND	ND	12.72	16.54	16.924
<b>Dothan, AL</b>												
PM10*												
90th percentile	down	1	52	47	46	36	45	41	43	48	37	31
Weighted annual mean	ns	1	26.4	27.8	28.1	22.3	24.9	27.3	28.8	24.4	22.5	21
PM12.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	39.7	34.6	26.6
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	19.58	15.42	14
Dover, DE												
Ozone												
2nd highest daily max	down	1	0.137	0.137	0.137	0.11	0.124	0.131	0.12	0.126	0.117	0.112
4th highest daily max 8-h average	ns	1	0.097	0.097	0.097	0.088	0.099	0.102	0.097	0.093	0.091	0.094
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	28.5	34.4	34.4
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	12.47	13.2	13.05
<b>Duluth-Superior, MN-WI</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.1	4.3	4.5	4.5	3.2	3.7	2.9	2.1	2.5	2.1
PM10*												
90th percentile	ns	2	36	33.5	35	31	32.5	31	37	44	34.5	36.5
Weighted annual mean	ns	2	21.4	20.65	20.5	20.05	19.85	21.3	21.75	23.9	22.25	21.05
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	ND	25.3	25.2	23.45
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	ND	8.64	8.385	8.48

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Dutchess County, NY</b>												
Ozone												
2nd highest daily max	ns	1	0.139	0.117	0.115	0.109	0.111	0.108	0.12	0.105	0.109	0.152
4th highest daily max 8-h average	ns	1	0.099	0.087	0.093	0.089	0.089	0.089	0.093	0.079	0.091	0.111
PM2.5*												
98th percentile	NA	1	ND	30.8	27.6	31.2						
Weighted annual mean	NA	1	ND	11.55	11.17	10.74						
<b>El Paso, TX</b>												
CO												
Maximum quarterly value	down	1	0.229	0.14	0.192	0.153	0.108	0.144	0.145	0.099	0.099	0.099
Ozone												
2nd highest daily max	ns	1	0.098	0.115	0.126	0.123	0.114	0.122	0.108	0.114	0.116	0.127
4th highest daily max 8-h average	ns	1	0.059	0.075	0.084	0.078	0.071	0.088	0.071	0.08	0.075	0.089
PM2.5*												
98th percentile	NA	1	ND	20.7	23	23.8						
Weighted annual mean	NA	1	ND	9.24	9.18	9.34						
<b>Elkhart-Goshen, IN</b>												
PM2.5*												
98th percentile	NA	1	ND	38.6	37.5	35.2						
Weighted annual mean	NA	1	ND	15.67	15.7	14.98						
<b>Elmira, NY</b>												
SO2												
2nd daily max	ns	1	0.019	0.023	0.014	0.016	0.015	0.011	0.015	0.012	0.015	0.013
Annual mean	ns	1	0.005	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.004	0.004
Ozone												
2nd highest daily max	up	1	0.09	0.084	0.088	0.088	0.081	0.094	0.092	0.089	0.094	0.098
4th highest daily max 8-h average	ns	1	0.08	0.074	0.076	0.072	0.073	0.082	0.082	0.073	0.082	0.089
<b>Enid, OK</b>												
PM2.5*												
98th percentile	NA	1	ND	24.8	28.7	27.8						
Weighted annual mean	NA	1	ND	10.24	10.73	9.7						
<b>Erie, PA</b>												
SO2												
2nd daily max	down	1	0.072	0.076	0.05	0.066	0.035	0.068	0.043	0.041	0.043	0.037
Annual mean	ns	1	0.011	0.01	0.009	0.011	0.009	0.01	0.01	0.008	0.01	0.011
NO2												
Annual mean	down	1	0.014	0.015	0.015	0.015	0.015	0.014	0.015	0.012	0.012	0.012
Ozone												
2nd highest daily max	ns	1	0.107	0.101	0.105	0.1	0.103	0.122	0.112	0.095	0.104	0.114
4th highest daily max 8-h average	ns	1	0.081	0.09	0.088	0.083	0.087	0.098	0.096	0.078	0.089	0.098
PM2.5*												
98th percentile	NA	1	ND	28.2	37.5	42.9						
Weighted annual mean	NA	1	ND	13.99	13.83	13.21						
<b>Eugene-Springfield, OR</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.9	6.4	5.7	5.7	5.2	4.6	5	4.3	4.1	4.2
Ozone												
2nd highest daily max	ns	1	0.072	0.082	0.077	0.111	0.073	0.089	0.068	0.056	0.077	0.08
4th highest daily max 8-h average	ns	1	0.054	0.068	0.06	0.084	0.056	0.073	0.056	0.047	0.061	0.067
PM10*												
90th percentile	down	2	72	53	49	37	41.5	36	36.5	36.5	40	36.5
Weighted annual mean	down	2	27.9	23.65	21.5	18.6	20.1	17	17.9	18.4	18.35	19.4
PM2.5*												
98th percentile	NA	2	ND	46.65	45.75	46.9						
Weighted annual mean	NA	2	ND	10.65	11.28	11.605						
<b>Evansville-Henderson, IN-KY</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	4.35	4.05	3.2	3.05	3.65	3.05	2.95	2.3	2.4	2.3
SO2												
2nd daily max	ns	3	0.06	0.055	0.051	0.064	0.062	0.057	0.074	0.062	0.05	0.051
Annual mean	ns	3	0.014	0.012	0.01	0.01	0.012	0.012	0.011	0.011	0.01	0.01

**Metropolitan Statistical Area Air Quality Trends, 1993-2002**

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
NO2												
Annual mean	ns	1	0.017	0.018	0.017	0.017	0.016	0.018	0.016	0.016	0.016	0.016
Ozone												
2nd highest daily max	ns	1	0.094	0.096	0.108	0.092	0.086	0.103	0.109	0.092	0.09	0.09
4th highest daily max 8-h average	ns	1	0.071	0.079	0.089	0.081	0.075	0.078	0.081	0.078	0.072	0.072
PM10*												
90th percentile	down	3	50	51	51.333	39.333	43	44.333	43.333	41.333	39.667	38.333
Weighted annual mean	down	3	29.733	31.333	29.833	24.833	25.667	27.367	25.167	24.5	24.733	24.267
PM2.5*												
98th percentile	NA	1	ND	37.3	36.4	46.7						
Weighted annual mean	NA	1	ND	16.08	15.57	15.36						
Fargo-Moorhead, ND-MN												
PM2.5*												
98th percentile	NA	1	ND	26.7	26.4	23.9						
Weighted annual mean	NA	1	ND	7.71	8.43	7.35						
Fayetteville, NC												
Ozone												
2nd highest daily max	ns	1	0.115	0.098	0.1	0.099	0.098	0.112	0.12	0.101	0.108	0.113
4th highest daily max 8-h average	ns	1	0.093	0.084	0.081	0.086	0.085	0.093	0.1	0.086	0.08	0.094
PM10*												
90th percentile	ns	1	41	40	35	39	41	41	39	39	39	39
Weighted annual mean	ns	1	27.3	25.1	23.3	25.3	24.8	26.5	24.4	28	28	28
PM2.5*												
98th percentile	NA	1	ND	33.5	33	27						
Weighted annual mean	NA	1	ND	16.19	15.86	14.28						
Fayetteville-Springdale-Rogers, AR												
PM2.5*												
98th percentile	NA	1	ND	31.4	25	25.8						
Weighted annual mean	NA	1	ND	12.5	11.56	10.76						
Fitchburg-Leominster, MA												
PM2.5*												
98th percentile	NA	1	ND	21.1	23.35	25.6						
Weighted annual mean	NA	1	ND	9.79	9.595	9.4						
Flagstaff, AZ-UT												
Ozone												
2nd highest daily max	ns	1	0.07	0.081	0.075	0.082	0.076	0.076	0.086	0.082	0.074	0.085
4th highest daily max 8-h average	ns	1	0.066	0.073	0.069	0.073	0.072	0.072	0.076	0.071	0.07	0.079
Flint, MI												
Maximum quarterly value	ns	1	0.016	0.011	0.014	0.012	0.011	0.015	0.014	0.011	0.012	0.015
SO2												
2nd daily max	down	1	0.017	0.017	0.016	0.012	0.012	0.014	0.011	0.015	0.014	0.006
Annual mean	down	1	0.005	0.004	0.003	0.002	0.002	0.002	0.003	0.004	0.002	0.002
Ozone												
2nd highest daily max	ns	1	0.106	0.09	0.097	0.113	0.094	0.104	0.108	0.086	0.108	0.102
4th highest daily max 8-h average	ns	1	0.068	0.077	0.082	0.089	0.081	0.089	0.089	0.072	0.091	0.088
PM10*												
90th percentile	ns	1	40	36	37	31	33	37	33	32	42	32
Weighted annual mean	down	1	23.9	20.1	21.1	20.2	20.2	20.6	19	18.6	20	17.4
PM2.5*												
98th percentile	NA	1	ND	32.8	32.2	38						
Weighted annual mean	NA	1	ND	12.02	12.95	13.12						
Florence, AL												
SO2												
2nd daily max	down	1	0.022	0.022	0.018	0.019	0.02	0.019	0.017	0.017	0.016	0.013
Annual mean	down	1	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
PM2.5*												
98th percentile	NA	1	ND	35.6	32.4	28.7						
Weighted annual mean	NA	1	ND	17.32	15.62	12.82						
Florence, SC												
PM2.5*												
98th percentile	NA	1	ND	31.7	31.3	24.3						
Weighted annual mean	NA	1	ND	14.37	14.4	13.11						

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Fort Collins-Loveland, CO</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	6.6	6	5.2	5.1	5.2	4.1	5.1	3.8	3	2.9
Ozone												
2nd highest daily max	ns	2	0.091	0.095	0.089	0.092	0.088	0.092	0.085	0.093	0.086	0.097
4th highest daily max 8-h average	ns	2	0.068	0.072	0.072	0.069	0.07	0.076	0.069	0.074	0.069	0.08
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	19.7	24.7	18
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	8.3	8.63	7.73
<b>Fort Lauderdale, FL</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	4.45	4.65	5.15	3.65	3.7	2.8	4.05	3.2	3.55	3.2
SO2												
2nd daily max	ns	1	0.011	0.013	0.008	0.008	0.011	0.017	0.015	0.026	0.016	0.011
Annual mean	ns	1	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.002	0.002
NO2												
Annual mean	ns	1	0.01	0.009	0.011	0.01	0.01	0.01	0.011	0.01	0.009	0.008
Ozone												
2nd highest daily max	ns	2	0.102	0.097	0.097	0.102	0.091	0.1	0.102	0.091	0.1	0.091
4th highest daily max 8-h average	ns	2	0.081	0.071	0.066	0.066	0.071	0.077	0.073	0.073	0.074	0.063
PM10*												
90th percentile	ns	3	28.667	23.333	23.667	27.667	25.333	30.333	23	24	29.333	22
Weighted annual mean	ns	3	18.967	17.2	16.767	17.967	17.733	19.967	17.3	17.1	18.033	15.5
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	25.2	24.55	21.6	18.25
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	9.23	9.41	8.485	7.915
<b>Fort Myers-Cape Coral, FL</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	21.2	24.5	21.9	16.4
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	10.12	9.55	9.21	7.81
<b>Fort Pierce-Port St. Lucie, FL</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	18.7	23.4	21	16.9
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	9.63	10.06	8.99	8.01
<b>Fort Smith, AR-OK</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	27.3	29.5	26.2
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	13.54	13.74	11.75
<b>Fort Wayne, IN</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	4.7	4.7	4.7	2.7	6.3	3	3.3	3.9	2.6	3.3
Ozone												
2nd highest daily max	ns	2	0.093	0.113	0.109	0.1	0.095	0.103	0.1	0.093	0.091	0.11
4th highest daily max 8-h average	ns	2	0.081	0.094	0.094	0.091	0.087	0.089	0.089	0.086	0.078	0.095
PM10*												
90th percentile	ns	1	36	43	44	28	28	39	31	32	33	34
Weighted annual mean	ns	1	22.9	23.5	23.9	17.2	19.6	23.7	17	20.2	18	17.9
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	35.5	33.6	32	32.1
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	13.33	15.65	14.16	14.88
<b>Fort Worth-Arlington, TX</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.5	2.7	3.3	2.8	2.8	2.5	2.6	2.1	2	2.1
NO2												
Annual mean	ns	1	0.013	0.017	0.017	0.015	0.016	0.013	0.017	0.012	0.012	0.013
Ozone												
2nd highest daily max	ns	2	0.113	0.133	0.141	0.129	0.123	0.126	0.145	0.118	0.125	0.13
4th highest daily max 8-h average	ns	2	0.093	0.101	0.104	0.094	0.092	0.099	0.102	0.094	0.098	0.101
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	22.7	27.8	26.75	34.7
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	12.58	12.36	12.18	12.275

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Fresno, CA</b>												
CO	Maximum quarterly value	down	1	0.025	0.02	0.015	0.008	0.011	0.013	0.008	0.01	0.01
NO2	2nd max (daily-non-overlapping 8-h)	down	4	4.175	4.925	4.225	4.15	3.5	3.5	3.4	3.35	3.1
Ozone	Annual mean	down	4	0.021	0.02	0.02	0.019	0.018	0.018	0.021	0.018	0.018
PM10*	2nd highest daily max	ns	4	0.14	0.127	0.134	0.14	0.126	0.155	0.129	0.134	0.134
PM2.5*	4th highest daily max 8-h average	ns	4	0.107	0.098	0.102	0.107	0.101	0.118	0.102	0.105	0.106
PM10*	90th percentile	ns	3	91.667	66	83.333	63.333	81	62	96.333	76	78.333
PM2.5*	Weighted annual mean	ns	3	46.9	42.567	44.567	37.333	42.767	34.833	48.1	41.933	46.733
PM10*	98th percentile	NA	2	ND	ND	ND	ND	ND	ND	89.6	85.75	74.75
PM2.5*	Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	23.73	20.115	19.1
<b>Gainesville, FL</b>												
PM10*	90th percentile	ns	1	30	33	27	23	32	29	29	31	29
PM2.5*	Weighted annual mean	ns	1	19.5	18.5	17.5	17.1	20.7	19.9	19	19.9	19.7
PM10*	98th percentile	NA	2	ND	ND	ND	ND	ND	ND	25.9	26.5	23.25
PM2.5*	Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	11.28	11.505	10.215
<b>Galveston-Texas City, TX</b>												
SO2	2nd daily max	down	1	0.056	0.052	0.089	0.067	0.053	0.039	0.04	0.037	0.045
Ozone	Annual mean	ns	1	0.005	0.006	0.006	0.014	0.006	0.004	0.007	0.004	0.005
SO2	2nd highest daily max	ns	1	0.176	0.125	0.198	0.107	0.175	0.146	0.172	0.127	0.113
Ozone	4th highest daily max 8-h average	ns	1	0.114	0.088	0.14	0.08	0.097	0.095	0.108	0.09	0.076
<b>Gary, IN</b>												
CO	Maximum quarterly value	ns	1	0.044	0.052	0.044	0.064	0.043	0.04	0.077	0.108	0.017
SO2	2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	5	4.6	3.7	2.8	3.8	3.2	3.1	3.2	3.2
PM2.5*	98th percentile	NA	1	ND	ND	ND	ND	ND	ND	43.8	43.6	50.2
PM2.5*	Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	15.87	17.38	18.11
<b>Goldsboro, NC</b>												
PM2.5*	98th percentile	NA	1	ND	ND	ND	ND	ND	ND	40.6	34.4	29.2
PM2.5*	Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	15.42	15.77	14.65
<b>Grand Forks, ND-MN</b>												
PM2.5*	98th percentile	NA	1	ND	ND	ND	ND	ND	ND	26.3	24.6	22.5
PM2.5*	Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	10.23	8.18	8.28
<b>Grand Junction, CO</b>												
CO	2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	6.1	6	5.4	5.8	5.4	5.3	4.7	4.1	3.7
PM10*	90th percentile	ns	1	31	32	31	30	28	29	31	37	35
PM10*	Weighted annual mean	ns	1	21.5	21.4	21.7	20.6	19.6	19.8	20	23.6	23.6
PM2.5*	98th percentile	NA	1	ND	ND	ND	ND	ND	ND	18.3	18.4	20.7
PM2.5*	Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	6.93	7.21	7.86
<b>Grand Rapids-Muskegon-Holland, MI</b>												
CO	2 <sup>nd</sup> max (daily-non-overlapping 8-h)	ns	1	3.2	4	4.6	3.3	2.4	2.9	3.5	2.6	3.1

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
SO2												
2nd daily max	down	1	0.012	0.013	0.011	0.011	0.008	0.008	0.006	0.01	0.007	0.007
Annual mean	down	1	0.003	0.003	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002
Ozone												
2nd highest daily max	ns	4	0.103	0.113	0.129	0.122	0.107	0.109	0.111	0.112	0.112	0.116
4th highest daily max 8-h average	ns	4	0.083	0.088	0.101	0.09	0.086	0.088	0.093	0.076	0.089	0.095
PM10*												
90th percentile	down	2	39	46	40	35.5	32	38.5	36	31	36.5	34
Weighted annual mean	down	2	21.85	26.9	20.95	20.25	18.65	21.25	18.9	18.65	20.4	18.45
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	36.733	33.567	37	36.2
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	12.977	12.917	13.693	13.113
<b>Great Falls, MT</b>												
PM2.5*												
98th percentile	NA	1	ND	23	17.3	17.6						
Weighted annual mean	NA	1	ND	6.13	5.39	5.25						
<b>Greeley, CO</b>												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	5.8	5.2	5.3	7	4.8	4.4	3.4	3.8	3.7	3.7
Ozone												
2nd highest daily max	ns	1	0.087	0.087	0.093	0.097	0.095	0.102	0.092	0.093	0.105	0.064
4th highest daily max 8-h average	ns	1	0.063	0.071	0.072	0.07	0.069	0.075	0.069	0.069	0.074	0.057
PM10*												
90th percentile	ns	1	40	37	34	30	30	30	29	34	33	34
Weighted annual mean	ns	1	22.6	23.1	19.9	17.7	17.8	16.4	17.5	20.5	20.8	21
PM2.5*												
98th percentile	NA	1	ND	20.4	35.7	25.9						
Weighted annual mean	NA	1	ND	8.93	10.61	9.22						
<b>Green Bay, WI</b>												
SO2												
2nd daily max	ns	1	0.018	0.015	0.017	0.011	0.017	0.011	0.011	0.016	0.013	0.013
Annual mean	down	1	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.004	0.003	0.002
Ozone												
2nd highest daily max	ns	1	0.085	0.085	0.112	0.105	0.091	0.098	0.097	0.09	0.107	0.094
4th highest daily max 8-h average	ns	1	0.069	0.069	0.083	0.091	0.073	0.077	0.085	0.071	0.088	0.084
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	33.4	32.1	33.85	28.45
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	10.81	10.96	11.35	10.75
<b>Greensboro-Winston-Salem-High Point, N</b>												
SO2												
2nd daily max	ns	1	0.022	0.021	0.025	0.026	0.023	0.023	0.02	0.019	0.016	0.024
Annual mean	down	1	0.006	0.007	0.007	0.007	0.007	0.006	0.005	0.005	0.005	0.005
NO2												
Annual mean	down	1	0.017	0.017	0.016	0.016	0.017	0.017	0.016	0.016	0.016	0.014
Ozone												
2nd highest daily max	ns	2	0.112	0.104	0.114	0.106	0.11	0.117	0.112	0.11	0.109	0.124
4th highest daily max 8-h average	up	2	0.089	0.084	0.09	0.082	0.089	0.099	0.098	0.09	0.09	0.102
PM10*												
90th percentile	ns	2	40.5	35.5	37.5	37.5	38	41	38.5	36.5	36.5	34.5
Weighted annual mean	down	2	24.8	23.95	25.25	24.65	24.2	25.2	23.9	22.3	22.7	21.95
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	36.8	35.633	35.267	32.533
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	16.897	17.04	15.667	14.88
<b>Greenville, NC</b>												
Ozone												
2nd highest daily max	ns	1	0.108	0.086	0.098	0.097	0.122	0.109	0.109	0.109	0.091	0.106
4th highest daily max 8-h average	ns	1	0.091	0.074	0.082	0.086	0.097	0.089	0.093	0.082	0.077	0.091
PM2.5*												
98th percentile	NA	1	ND	30.5	27.8	30.6						
Weighted annual mean	NA	1	ND	13.92	12.52	12.28						
<b>Greenville-Spartanburg-Anderson, SC MS</b>												
Maximum quarterly value	ns	1	0.02	0.018	0.012	0.011	0.01	0.011	0.012	0.021	0.01	0.01

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	5.4	5.5	5.3	4.6	5.6	4.3	4.8	3.7	3.4	3.3
SO2												
2nd daily max	ns	1	0.012	0.016	0.007	0.012	0.014	0.015	0.009	0.011	0.013	0.014
Annual mean	up	1	0.003	0.003	0.001	0.002	0.003	0.003	0.003	0.003	0.003	0.003
NO2												
Annual mean	down	1	0.018	0.018	0.017	0.016	0.017	0.017	0.017	0.016	0.015	0.016
Ozone												
2nd highest daily max	ns	2	0.116	0.101	0.117	0.103	0.103	0.118	0.12	0.107	0.104	0.112
4th highest daily max 8-h average	up	2	0.085	0.085	0.09	0.086	0.087	0.099	0.1	0.087	0.089	0.093
PM10*												
90th percentile	down	2	41	42.5	45.5	46.5	38.5	39.5	40.5	38.5	35.5	35
Weighted annual mean	down	2	25.95	26.4	30.6	31.3	23.5	25	25.5	23.95	22.15	21.15
<b>Hagerstown, MD</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	39.9	41.6	42.7
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	15.55	14.17	14.9
<b>Hamilton-Middletown, OH</b>												
SO2												
2nd daily max	ns	1	0.042	0.046	0.02	0.026	0.035	0.022	0.021	0.023	0.027	0.034
Annual mean	ns	1	0.008	0.008	0.005	0.006	0.006	0.006	0.007	0.006	0.006	0.006
Ozone												
2nd highest daily max	ns	1	0.121	0.103	0.121	0.107	0.104	0.109	0.117	0.095	0.107	0.115
4th highest daily max 8-h average	ns	1	0.086	0.087	0.089	0.092	0.088	0.089	0.096	0.082	0.083	0.1
PM10*												
90th percentile	down	3	62.667	54	57.333	43	55	53.667	48	51	46	39.333
Weighted annual mean	down	3	31.567	30.667	33.433	29.133	30.933	30.733	28.1	29.867	26.567	24.233
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	37	38.1	41.7
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	18.82	16.96	16.43
<b>Harrisburg-Lebanon-Carlisle, PA</b>												
SO2												
2nd daily max	down	1	0.025	0.04	0.02	0.022	0.022	0.021	0.021	0.024	0.015	0.013
Annual mean	down	1	0.006	0.007	0.005	0.006	0.007	0.006	0.005	0.005	0.005	0.005
NO2												
Annual mean	down	1	0.015	0.022	0.02	0.021	0.019	0.019	0.018	0.017	0.018	0.016
Ozone												
2nd highest daily max	ns	1	0.118	0.118	0.099	0.096	0.112	0.116	0.114	0.101	0.099	0.126
4th highest daily max 8-h average	ns	1	0.095	0.091	0.084	0.078	0.084	0.097	0.095	0.079	0.086	0.098
PM10*												
90th percentile	down	1	45	40	37	38	37	35	34	33	39	35
Weighted annual mean	down	1	27.5	23.6	21.7	23.4	22.2	20.4	20.3	20.2	21.9	19.6
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	39.7	45.8	47.7
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	14.39	15.69	16.5
<b>Hartford, CT</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	7.2	7.9	7	6.45	5.9	7.1	5.5	7.3	4.5	5.1
SO2												
2nd daily max	down	1	0.023	0.031	0.023	0.022	0.025	0.019	0.019	0.021	0.023	0.018
Annual mean	down	1	0.006	0.007	0.005	0.006	0.005	0.005	0.004	0.004	0.005	0.004
NO2												
Annual mean	ns	1	0.018	0.02	0.017	0.016	0.018	0.02	0.018	0.017	0.02	0.017
Ozone												
2nd highest daily max	ns	3	0.146	0.133	0.134	0.098	0.143	0.12	0.138	0.106	0.137	0.14
4th highest daily max 8-h average	ns	3	0.1	0.099	0.097	0.082	0.099	0.09	0.097	0.082	0.099	0.104
PM10*												
90th percentile	ns	1	22	25	19	23	27	22	23	22	20	20
Weighted annual mean	down	1	12.9	14.3	12.1	12.4	13.8	13.7	11.9	11.3	10.8	10.5
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	29.5	32.3	32.8
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	10.79	10.67	12.27

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Hattiesburg, MS</b>												
PM2.5*												
98th percentile	NA	1	ND	29.6	30	31.5						
Weighted annual mean	NA	1	ND	14.93	13.56	12.78						
<b>Hickory-Morganton-Lenoir, NC</b>												
Ozone												
2nd highest daily max	up	1	0.092	0.092	0.093	0.094	0.099	0.133	0.106	0.107	0.099	0.111
4th highest daily max 8-h average	up	1	0.075	0.075	0.077	0.078	0.08	0.096	0.082	0.091	0.088	0.095
PM10*												
90th percentile	ns	1	44	39	36	37	37	37	43	33	33	37
Weighted annual mean	down	1	26.4	26.3	23.2	24.1	23.7	23.1	25	22	21	22
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	34	34.2	32	33.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	17.43	17.35	15.98	15.16
<b>Honolulu, HI</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	2	1.8	1.85	1.9	1.7	1.45	1.25	1.3	1.15	1
SO2												
2nd daily max	down	2	0.011	0.007	0.004	0.008	0.004	0.008	0.003	0.005	0.004	0.003
Annual mean	ns	2	0.002	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.001
NO2												
Annual mean	ns	1	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004
Ozone												
2nd highest daily max	ns	1	0.055	0.055	0.056	0.047	0.053	0.056	0.054	0.048	0.051	0.053
4th highest daily max 8-h average	down	1	0.049	0.052	0.051	0.041	0.047	0.049	0.048	0.044	0.042	0.043
PM10*												
90th percentile	ns	2	24.5	22.5	21	23	21.5	23	18.5	23	24	24
Weighted annual mean	down	2	17.7	16.25	16.1	17.05	16.1	16	13.95	15.6	16.05	15.8
<b>Houma, LA</b>												
PM2.5*												
98th percentile	NA	1	ND	28.7	26.2	17.8						
Weighted annual mean	NA	1	ND	12.38	10.89	9.33						
<b>Houston, TX</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	4.75	4.15	3.8	4.85	3.45	3.45	3.35	3.2	3.35	2.8
SO2												
2nd daily max	down	2	0.023	0.02	0.02	0.024	0.018	0.019	0.016	0.021	0.017	0.016
Annual mean	down	2	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
NO2												
Annual mean	ns	2	0.016	0.017	0.019	0.019	0.018	0.016	0.018	0.016	0.017	0.015
Ozone												
2nd highest daily max	ns	2	0.166	0.154	0.173	0.154	0.203	0.185	0.144	0.161	0.139	0.137
4th highest daily max 8-h average	ns	2	0.09	0.099	0.114	0.113	0.113	0.119	0.102	0.106	0.097	0.096
PM10*												
90th percentile	ns	2	56	62	59.5	46.5	59.5	75	57.5	57	48	47
Weighted annual mean	ns	2	34.6	37.6	33.85	30.5	34.65	40.25	35.6	35.4	30.65	28.5
PM2.5*												
98th percentile	NA	2	ND	25.6	32.2	31.35						
Weighted annual mean	NA	2	ND	12.745	12.4	12.925						
<b>Huntington-Ashland, WV-KY-OH</b>												
SO2												
2nd daily max	down	3	0.05	0.048	0.04	0.031	0.034	0.031	0.029	0.038	0.028	0.028
Annual mean	down	3	0.012	0.01	0.01	0.01	0.009	0.009	0.009	0.01	0.008	0.008
Ozone												
2nd highest daily max	ns	1	0.119	0.12	0.122	0.113	0.124	0.136	0.115	0.092	0.11	0.123
4th highest daily max 8-h average	ns	1	0.099	0.097	0.092	0.086	0.086	0.105	0.096	0.081	0.087	0.097
PM10*												
90th percentile	down	1	61	65	64	52	62	53	68	50	50	47
Weighted annual mean	ns	1	33.1	39	38.4	37	39	35.2	39.1	32.7	30	27.9
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	35.25	36.8	41.15	42.55
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	16.175	16.63	16.385	16.135

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Huntsville, AL</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4	3.5	3.6	3	3.1	3.3	4.3	2.3	2.3	2.3
Ozone												
2nd highest daily max	ns	1	0.112	0.107	0.102	0.096	0.096	0.118	0.106	0.111	0.088	0.098
4th highest daily max 8-h average	ns	1	0.087	0.075	0.08	0.081	0.086	0.092	0.093	0.088	0.08	0.078
PM10*												
90th percentile	ns	3	38.667	34.333	34.333	32.667	37	36.667	36.667	37.333	35.333	29.667
Weighted annual mean	ns	3	23.267	23.233	22.1	20.7	20.867	22.633	23.4	24	21.033	18.9
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	30.9	41.5	29.7	34.1
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	15.61	16.28	14.6	13.8
<b>Indianapolis, IN</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	4	3.45	3.85	2.75	3.15	2.65	2.4	3.3	2.35	3.3
SO2												
2nd daily max	ns	3	0.04	0.041	0.022	0.027	0.025	0.022	0.021	0.023	0.022	0.023
Annual mean	down	3	0.009	0.008	0.006	0.006	0.006	0.005	0.006	0.006	0.005	0.005
NO2												
Annual mean	ns	1	0.018	0.019	0.02	0.018	0.015	0.019	0.018	0.017	0.017	0.018
Ozone												
2nd highest daily max	ns	2	0.094	0.107	0.108	0.118	0.101	0.105	0.106	0.097	0.092	0.126
4th highest daily max 8-h average	ns	2	0.079	0.09	0.091	0.093	0.086	0.09	0.095	0.08	0.08	0.103
PM10*												
90th percentile	down	2	54	57.5	49.5	34	40.5	43.5	37	38.5	32.5	27.5
Weighted annual mean	down	2	31.4	32	29.6	22	24.05	25.45	21	22.3	20.7	18.1
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	39.2	38.725	41.8	40.75
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	17.32	17.618	17.855	17.56
<b>Iowa City, IA</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	32.4	28.4	34.5	25.6
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.32	10.93	11.67	11.38
<b>Jackson, MS</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	6.2	5.1	4.4	4.8	3.8	3.7	5	3.2	4.2	3
SO2												
2nd daily max	ns	1	0.01	0.008	0.007	0.008	0.007	0.008	0.007	0.006	0.006	0.008
Annual mean	ns	1	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Ozone												
2nd highest daily max	ns	2	0.089	0.086	0.09	0.093	0.095	0.105	0.103	0.096	0.091	0.09
4th highest daily max 8-h average	ns	2	0.073	0.073	0.076	0.078	0.077	0.084	0.083	0.08	0.076	0.074
PM10*												
90th percentile	ns	1	42	35	39	35	44	48	38	36	33	33
Weighted annual mean	ns	1	22.8	22.1	21.9	21.8	25.6	28	24.9	23.5	20.6	20.6
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	33.65	35.633	29.2	29.433
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	16.195	15.233	13.45	12.233
<b>Jackson, TN</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	37.5	30.4	27.4	32.2
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	16.22	14.99	13.56	12.23
<b>Jacksonville, FL</b>												
Maximum quarterly value	ns	1	0.022	0.017	0.027	0.023	0.015	0.017	0.017	0.029	0.017	0.008
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.8	3.4	3.7	3.1	2.8	2.8	3.9	2.6	2.7	2.9
SO2												
2nd daily max	ns	2	0.032	0.041	0.033	0.024	0.025	0.03	0.028	0.032	0.027	0.032
Annual mean	ns	2	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.005	0.004	0.004
NO2												
Annual mean	ns	1	0.015	0.014	0.016	0.015	0.014	0.015	0.016	0.015	0.013	0.015

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ozone												
2nd highest daily max	ns	1	0.103	0.087	0.1	0.086	0.085	0.1	0.103	0.09	0.092	0.087
4th highest daily max 8-h average	ns	1	0.08	0.069	0.068	0.073	0.073	0.08	0.08	0.071	0.072	0.066
PM2.5*												
98th percentile	NA	1	ND	30.1	26.2	22.3						
Weighted annual mean	NA	1	ND	12.1	10.94	9.29						
Jacksonville, NC												
PM2.5*												
98th percentile	NA	1	ND	35.7	27.7	26						
Weighted annual mean	NA	1	ND	12.7	12.28	11.45						
Jamestown, NY												
SO2												
2nd daily max	down	1	0.032	0.033	0.023	0.027	0.019	0.019	0.022	0.023	0.02	0.016
Annual mean	down	1	0.007	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
Ozone												
2nd highest daily max	ns	1	0.104	0.094	0.104	0.097	0.101	0.112	0.101	0.101	0.097	0.109
4th highest daily max 8-h average	ns	1	0.081	0.08	0.089	0.081	0.085	0.095	0.087	0.083	0.085	0.094
PM10*												
90th percentile	ns	1	26	32	32	28	32	35	32	29	25	21
Weighted annual mean	down	1	15.4	14.4	15.7	15.1	15.4	16.9	14.1	13.7	11.7	12.4
PM2.5*												
98th percentile	NA	1	ND	30.6	34.2	37.8						
Weighted annual mean	NA	1	ND	11.38	11.06	11.25						
Janesville-Beloit, WI												
Ozone												
2nd highest daily max	down	1	0.108	0.108	0.103	0.103	0.097	0.1	0.105	0.098	0.093	0.098
4th highest daily max 8-h average	ns	1	0.077	0.077	0.087	0.085	0.085	0.084	0.093	0.083	0.084	0.087
Jersey City, NJ												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.6	5.9	6.2	4.9	4.3	4.1	3.9	3.8	3	2.8
SO2												
2nd daily max	down	2	0.03	0.036	0.026	0.027	0.025	0.022	0.024	0.024	0.027	0.022
Annual mean	down	2	0.009	0.009	0.007	0.008	0.008	0.007	0.007	0.007	0.008	0.006
NO2												
Annual mean	ns	1	0.027	0.026	0.026	0.027	0.026	0.027	0.026	0.026	0.026	0.023
Ozone												
2nd highest daily max	ns	1	0.131	0.118	0.125	0.12	0.119	0.118	0.139	0.103	0.132	0.109
4th highest daily max 8-h average	ns	1	0.103	0.095	0.104	0.087	0.105	0.089	0.106	0.082	0.091	0.09
PM10*												
90th percentile	ns	1	54	62	48	51	50	42	43	50	53	50
Weighted annual mean	down	1	34.3	38.8	30.8	32.8	30.6	26.9	27.8	30.6	29.3	28.3
PM2.5*												
98th percentile	NA	1	ND	46	39.5	34.1						
Weighted annual mean	NA	1	ND	16.13	16.83	14.1						
Johnson City-Kingsport-Bristol, TN-VA												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	6.5	3.4	3.1	3	3.5	3.4	2.8	2.2	2.1	1.9
SO2												
2nd daily max	ns	1	0.045	0.05	0.038	0.05	0.042	0.039	0.038	0.043	0.037	0.044
Annual mean	ns	1	0.01	0.011	0.01	0.012	0.011	0.011	0.01	0.011	0.01	0.008
NO2												
Annual mean	down	1	0.017	0.017	0.018	0.018	0.018	0.017	0.016	0.015	0.015	0.014
Ozone												
2nd highest daily max	ns	1	0.125	0.103	0.114	0.099	0.111	0.115	0.106	0.109	0.11	0.109
4th highest daily max 8-h average	ns	1	0.088	0.083	0.091	0.082	0.082	0.096	0.086	0.092	0.085	0.093
PM2.5*												
98th percentile	NA	1	ND	42.2	37.1	34						
Weighted annual mean	NA	1	ND	17.17	15.4	14.3						
Johnstown, PA												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.2	4.1	3.5	4.8	2.7	3.1	2.8	2	2.1	2.6

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
SO2												
2nd daily max	down	1	0.049	0.08	0.042	0.034	0.03	0.027	0.025	0.026	0.031	0.025
Annual mean	down	1	0.015	0.014	0.012	0.011	0.009	0.008	0.009	0.007	0.008	0.007
NO2												
Annual mean	down	1	0.017	0.018	0.015	0.018	0.016	0.015	0.015	0.015	0.014	0.012
Ozone												
2nd highest daily max	up	1	0.099	0.094	0.101	0.098	0.104	0.124	0.107	0.104	0.106	0.106
4th highest daily max 8-h average	ns	1	0.083	0.083	0.09	0.083	0.092	0.098	0.09	0.086	0.09	0.088
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	31	34.1	40.1	46.6
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	14.78	15.34	15.85	16.09
Jonesboro, AR												
PM2.5*												
98th percentile	NA	1	ND	27.9	28.6	31.5						
Weighted annual mean	NA	1	ND	14.64	12.69	11.16						
Joplin, MO												
PM2.5*												
98th percentile	NA	1	ND	26.7	29.5	28.7						
Weighted annual mean	NA	1	ND	13.11	13.49	14.48						
Kalamazoo-Battle Creek, MI												
PM10*												
90th percentile	ns	1	40	44	50	33	38	47	44	49	49	49
Weighted annual mean	ns	1	24	25.9	26	22	22.6	26.7	22.5	26.3	26.3	26.3
PM2.5*												
98th percentile	NA	1	ND	38	35.5	40						
Weighted annual mean	NA	1	ND	14.89	15.1	15.63						
Kansas City, MO-KS												
SO2												
2nd daily max	ns	1	0.025	0.033	0.023	0.033	0.021	0.01	0.009	0.039	0.009	0.015
Annual mean	ns	1	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.004	0.002	0.002
NO2												
Annual mean	ns	1	0.009	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
Ozone												
2nd highest daily max	ns	1	0.114	0.112	0.131	0.114	0.121	0.133	0.111	0.115	0.106	0.105
4th highest daily max 8-h average	ns	1	0.082	0.09	0.099	0.087	0.098	0.095	0.082	0.091	0.079	0.087
PM10*												
90th percentile	ns	1	43	47	41	58	38	47	41	47	47	53
Weighted annual mean	ns	1	30.7	33.8	19.1	32.6	26.2	29.7	27.8	29.1	31.6	36.2
PM2.5*												
98th percentile	NA	3	ND	28.1	27.333	29.567						
Weighted annual mean	NA	3	ND	12.68	12.647	13.333						
Kenosha, WI												
Ozone												
2nd highest daily max	ns	2	0.114	0.119	0.119	0.13	0.111	0.121	0.121	0.097	0.12	0.14
4th highest daily max 8-h average	ns	2	0.085	0.088	0.103	0.084	0.087	0.09	0.097	0.084	0.098	0.113
PM2.5*												
98th percentile	NA	1	ND	34.2	27.2	33						
Weighted annual mean	NA	1	ND	12.35	11.38	12.7						
Knoxville, TN												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.6	4.3	4.1	3.3	4.8	3.9	3.8	3.1	3	3
SO2												
2nd daily max	ns	1	0.063	0.057	0.053	0.058	0.048	0.038	0.056	0.06	0.089	0.07
Annual mean	ns	1	0.009	0.01	0.01	0.009	0.008	0.007	0.009	0.01	0.01	0.011
Ozone												
2nd highest daily max	ns	2	0.11	0.109	0.117	0.102	0.111	0.114	0.123	0.11	0.101	0.117
4th highest daily max 8-h average	ns	2	0.088	0.09	0.098	0.086	0.091	0.099	0.1	0.095	0.086	0.101
PM10*												
90th percentile	down	1	64	58	55	54	56	47	43	46	44	36
Weighted annual mean	down	1	39.6	38.1	37.1	35.3	33.1	29.9	30.1	28.9	26.3	23.2
PM2.5*												
98th percentile	NA	1	ND	42.8	45.7	36.8						
Weighted annual mean	NA	1	ND	22.72	20.08	17.45						

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Kokomo, IN</b>												
PM2.5*												
98th percentile	NA	1	ND	34.3	38.1	29.7						
Weighted annual mean	NA	1	ND	15.59	15.01	14.72						
<b>Lafayette, LA</b>												
Ozone												
2nd highest daily max	ns	1	0.101	0.101	0.109	0.098	0.105	0.1	0.094	0.123	0.09	0.095
4th highest daily max 8-h average	ns	1	0.083	0.083	0.09	0.084	0.078	0.084	0.081	0.092	0.077	0.074
PM2.5*												
98th percentile	NA	2	ND	26.9	32	29.75						
Weighted annual mean	NA	2	ND	12.85	13.07	11.445						
<b>Lake Charles, LA</b>												
SO2												
2nd daily max	ns	1	0.019	0.017	0.018	0.018	0.012	0.012	0.015	0.013	0.012	0.017
Annual mean	ns	1	0.006	0.004	0.005	0.003	0.003	0.003	0.004	0.004	0.003	0.004
NO2												
Annual mean	ns	1	0.004	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
Ozone												
2nd highest daily max	ns	3	0.11	0.094	0.103	0.096	0.119	0.119	0.103	0.117	0.097	0.089
4th highest daily max 8-h average	ns	3	0.081	0.074	0.078	0.074	0.084	0.085	0.079	0.085	0.078	0.072
PM2.5*												
98th percentile	NA	2	ND	35.4	33.75	30.55						
Weighted annual mean	NA	2	ND	12.99	12.795	11.235						
<b>Lakeland-Winter Haven, FL</b>												
SO2												
2nd daily max	ns	2	0.019	0.016	0.013	0.019	0.016	0.022	0.016	0.017	0.014	0.01
Annual mean	ns	2	0.004	0.004	0.004	0.005	0.005	0.006	0.005	0.005	0.004	0.004
Ozone												
2nd highest daily max	ns	2	0.103	0.088	0.089	0.089	0.101	0.104	0.097	0.101	0.108	0.09
4th highest daily max 8-h average	ns	2	0.082	0.072	0.073	0.07	0.078	0.087	0.078	0.078	0.084	0.072
PM2.5*												
98th percentile	NA	1	ND	23.4	28.1	25.9						
Weighted annual mean	NA	1	ND	11.03	12.21	11.14						
<b>Lancaster, PA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	3	3.8	2.4	2.6	3.3	1.9	2.1	1.9	2.2	2.2
SO2												
2nd daily max	ns	1	0.026	0.03	0.018	0.021	0.023	0.02	0.021	0.024	0.018	0.014
Annual mean	down	1	0.007	0.006	0.006	0.005	0.007	0.006	0.005	0.005	0.004	0.005
NO2												
Annual mean	down	1	0.015	0.019	0.016	0.017	0.016	0.015	0.015	0.014	0.014	0.013
Ozone												
2nd highest daily max	ns	1	0.118	0.111	0.124	0.101	0.133	0.119	0.127	0.107	0.127	0.115
4th highest daily max 8-h average	ns	1	0.095	0.093	0.102	0.085	0.102	0.101	0.102	0.09	0.097	0.096
PM2.5*												
98th percentile	NA	1	ND	38.2	47.4	42.1						
Weighted annual mean	NA	1	ND	15.64	18.22	17.11						
<b>Lansing-East Lansing, MI</b>												
Ozone												
2nd highest daily max	ns	2	0.096	0.093	0.096	0.087	0.087	0.1	0.1	0.091	0.105	0.096
4th highest daily max 8-h average	ns	2	0.079	0.079	0.082	0.077	0.077	0.08	0.088	0.076	0.085	0.087
PM2.5*												
98th percentile	NA	1	ND	34.6	37.2	37.2						
Weighted annual mean	NA	1	ND	12.6	13.07	14.04						
<b>Laredo, TX</b>												
PM2.5*												
98th percentile	NA	1	ND	23.2	26.4	25.5						
Weighted annual mean	NA	1	ND	12.1	10.29	10.06						
<b>Las Cruces, NM</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	8.7	5	4.4	4.3	4.8	4.2	3.8	3.7	3.3	3

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
SO2												
2nd daily max	down	2	0.055	0.023	0.021	0.03	0.014	0.012	0.005	0.003	0.004	0.003
Annual mean	down	2	0.006	0.004	0.004	0.004	0.003	0.003	0.001	0.001	0.001	0.001
Ozone												
2nd highest daily max	down	3	0.107	0.104	0.105	0.104	0.09	0.1	0.092	0.1	0.087	0.089
4th highest daily max 8-h average	ns	3	0.073	0.074	0.074	0.075	0.067	0.072	0.074	0.073	0.068	0.072
PM10*												
90th percentile	up	1	51	62	65	60	56	58	80	73	74	80
Weighted annual mean	ns	1	31.3	36	38.4	37.2	31.6	32.3	44.6	41.6	37.3	39.5
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	26.8	30.5	30.3	38.7
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	11.2	10.54	10.91	12.22
<b>Las Vegas, NV-AZ</b>												
Ozone												
2nd highest daily max	ns	1	0.099	0.099	0.086	0.096	0.09	0.103	0.09	0.086	0.092	0.096
4th highest daily max 8-h average	ns	1	0.082	0.077	0.074	0.082	0.075	0.084	0.074	0.074	0.07	0.078
PM10*												
90th percentile	down	2	81.5	77.5	82.5	83	76	69.75	70	63	65.5	68
Weighted annual mean	ns	2	43.4	45.55	45.2	51.7	47.5	41.95	40.8	38.4	40.4	45.7
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	32.6	31.6	33.3	28.8
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	11.71	10.53	10.62	11.68
<b>Lawrence, MA-NH</b>												
SO2												
2nd daily max	down	1	0.027	0.032	0.033	0.023	0.027	0.031	0.021	0.02	0.021	0.015
Annual mean	down	1	0.007	0.007	0.007	0.005	0.006	0.008	0.005	0.004	0.004	0.004
Ozone												
2nd highest daily max	ns	1	0.1	0.101	0.081	0.092	0.097	0.096	0.09	0.072	0.081	0.124
4th highest daily max 8-h average	ns	1	0.076	0.082	0.069	0.079	0.078	0.076	0.068	0.06	0.062	0.088
<b>Lawton, OK</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	2.6	1.9	3.1	2.667	2.233	1.8	1.7	1.4	2.2	2.1
PM2.5*												
98th percentile	NA	1	ND	19.2	26.2	25.2						
Weighted annual mean	NA	1	ND	9.08	9.91	9.35						
Lewiston-Auburn, ME												
SO2												
2nd daily max	down	1	0.025	0.025	0.02	0.018	0.017	0.019	0.016	0.018	0.015	0.016
Annual mean	down	1	0.007	0.006	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004
PM10*												
90th percentile	ns	1	50	35	37	31	35	31	31	28	37	37
Weighted annual mean	ns	1	24.3	20.2	19.8	20	20.6	18.2	18.6	17.5	20.7	18.8
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	35.7	25.8	32.5	30.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	9.99	9.6	11.31	10.45
<b>Lexington, KY</b>												
SO2												
2nd daily max	ns	1	0.026	0.037	0.016	0.02	0.016	0.023	0.02	0.02	0.029	0.016
Annual mean	down	1	0.007	0.008	0.006	0.006	0.006	0.006	0.008	0.005	0.005	0.004
NO2												
Annual mean	down	1	0.017	0.016	0.017	0.014	0.014	0.011	0.013	0.013	0.013	0.012
Ozone												
2nd highest daily max	ns	2	0.102	0.102	0.103	0.089	0.098	0.104	0.108	0.085	0.088	0.095
4th highest daily max 8-h average	ns	2	0.081	0.086	0.088	0.081	0.089	0.089	0.087	0.077	0.077	0.083
PM10*												
90th percentile	down	2	42	46	39.5	37.5	37	40	40	37.5	35	36.5
Weighted annual mean	down	2	23.85	27.6	22.8	23.1	21.85	23	22.55	22.95	22.2	21.45
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	35.2	37.45	34.2	41.3
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	15.475	16.59	15.955	15.32
<b>Lima, OH</b>												
SO2												
2nd daily max	down	1	0.023	0.036	0.015	0.015	0.016	0.017	0.013	0.015	0.013	0.01
Annual mean	ns	1	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ozone												
2nd highest daily max	ns	1	0.099	0.102	0.106	0.11	0.091	0.102	0.107	0.1	0.096	0.109
4th highest daily max 8-h average	ns	1	0.09	0.089	0.092	0.092	0.083	0.089	0.093	0.085	0.081	0.098
PM10*												
90th percentile	down	1	40	42	38	38	43	37	26	36	29	36
Weighted annual mean	down	1	27.9	30.6	27.2	24.9	24	24.3	16.6	24.6	20.8	24.4
<b>Lincoln, NE</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	5.1	5.3	6.2	4.7	6.9	6	5.7	2.9	4	3.7
Ozone												
2nd highest daily max	ns	1	0.057	0.075	0.07	0.06	0.061	0.068	0.062	0.072	0.061	0.063
4th highest daily max 8-h average	ns	1	0.049	0.062	0.06	0.054	0.054	0.058	0.053	0.057	0.051	0.054
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	25.2	25.1	23.4	26
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	10.57	10.25	10.08	9.55
<b>Little Rock-North Little Rock, AR</b>												
SO2												
2nd daily max	down	1	0.017	0.009	0.008	0.009	0.006	0.006	0.005	0.007	0.005	0.005
Annual mean	down	1	0.006	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO2												
Annual mean	ns	1	0.009	0.011	0.011	0.011	0.01	0.011	0.011	0.01	0.01	0.01
Ozone												
2nd highest daily max	ns	2	0.096	0.09	0.106	0.096	0.099	0.096	0.103	0.113	0.102	0.101
4th highest daily max 8-h average	up	2	0.076	0.076	0.086	0.078	0.077	0.078	0.083	0.09	0.079	0.085
PM2.5*												
98th percentile	NA	1	ND	33.5	32	31.9						
Weighted annual mean	NA	1	ND	15.47	14.72	13.24						
<b>Longview-Marshall, TX</b>												
Ozone												
2nd highest daily max	ns	1	0.114	0.104	0.145	0.106	0.124	0.129	0.134	0.131	0.111	0.11
4th highest daily max 8-h average	ns	1	0.093	0.081	0.102	0.082	0.091	0.104	0.105	0.099	0.082	0.084
PM2.5*												
98th percentile	NA	1	ND	28.8	28	39.2						
Weighted annual mean	NA	1	ND	13.41	12.18	12.36						
<b>Los Angeles-Long Beach, CA</b>												
CO												
Maximum quarterly value	ns	2	0.088	0.072	0.058	0.053	0.067	0.045	0.094	0.059	0.08	0.036
SO2												
2nd daily max	ns	2	0.008	0.006	0.005	0.006	0.006	0.007	0.006	0.006	0.006	0.007
Annual mean	ns	2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
NO2												
Annual mean	down	3	0.039	0.046	0.045	0.043	0.039	0.039	0.041	0.039	0.037	0.035
Ozone												
2nd highest daily max	down	4	0.15	0.165	0.14	0.126	0.112	0.138	0.101	0.118	0.104	0.103
4th highest daily max 8-h average	down	4	0.098	0.101	0.089	0.085	0.081	0.088	0.07	0.08	0.074	0.073
PM10*												
90th percentile	ns	2	74.5	62.5	73.5	71	70	62.5	75	64.5	67	58
Weighted annual mean	ns	2	44	41.1	45.15	43.35	45.55	38.3	50	42.7	43.1	41.75
PM2.5*												
98th percentile	NA	4	ND	ND	ND	ND	ND	ND	53.775	66.475	65.025	55.225
Weighted annual mean	NA	4	ND	ND	ND	ND	ND	ND	23.955	23.211	24.325	23.355
<b>Louisville, KY-IN</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	4.5	4.6	3.6	3.4	3.8	3.8	3.3	3.8	3.9	4.8
SO2												
2nd daily max	down	2	0.038	0.038	0.036	0.033	0.029	0.027	0.027	0.033	0.031	0.024
Annual mean	down	2	0.011	0.011	0.01	0.008	0.006	0.005	0.009	0.007	0.005	0.005
NO2												
Annual mean	ns	1	0.026	0.026	0.022	0.02	0.02	0.023	0.022	0.022	0.023	0.02

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ozone												
2nd highest daily max	ns	2	0.123	0.124	0.124	0.109	0.126	0.136	0.114	0.097	0.101	0.12
4th highest daily max 8-h average	ns	2	0.096	0.099	0.097	0.087	0.091	0.102	0.092	0.081	0.081	0.099
PM10*												
90th percentile	ns	2	54.5	45.5	49	49	49.5	43	44.5	57.5	48.75	42
Weighted annual mean	ns	2	29.65	30.5	29	28.25	30.45	26.35	26.35	31.1	28.7	25.9
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	39.267	37.9	41.383	44.233
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	16.443	16.673	16.908	16.41
<b>Lowell, MA-NH</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.1	6.5	7.8	4.5	3.6	3.4	4.2	3.2	2.7	2.4
<b>Lubbock, TX</b>												
PM10*												
90th percentile	ns	1	30	33	34	34	27	37	26	32	29	29
Weighted annual mean	ns	1	19.9	23	20.8	21.7	16.7	20.5	18.1	19	19.7	19.7
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	18.5	17.2	21.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	7.42	7.66	7.55
<b>Macon, GA</b>												
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	49.2	36.45	31	31.75
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	18.21	17.505	14.935	14.635
<b>Madison, WI</b>												
Ozone												
2nd highest daily max	ns	1	0.079	0.082	0.1	0.094	0.088	0.089	0.098	0.087	0.088	0.09
4th highest daily max 8-h average	ns	1	0.066	0.071	0.08	0.079	0.079	0.076	0.085	0.071	0.078	0.08
PM10*												
90th percentile	ns	1	37	33	43	30	34	43	38	34	32	31
Weighted annual mean	ns	1	21	22.4	22.8	19.6	20.3	26.6	20.8	22	22	19
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	33.4	34.2	36.6	32.7
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	13.43	12.75	13.31	12.31
<b>Mansfield, OH</b>												
PM10*												
90th percentile	down	1	44	49	42	40	40	41	39	37	37	37
Weighted annual mean	down	1	27.7	29.2	24.7	24.3	23.3	23.8	22.6	23.7	23.7	23.7
<b>Mayaguez, PR</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	18.8	16.4	15.7	16.7
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	8.79	7.91	8.08	7.8
<b>McAllen-Edinburg-Mission, TX</b>												
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	ND	22.4	21.45	28.55
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	ND	10.835	10.52	10.48
<b>Medford-Ashland, OR</b>												
Ozone												
2nd highest daily max	ns	1	0.081	0.087	0.091	0.101	0.074	0.117	0.077	0.079	0.081	0.099
4th highest daily max 8-h average	ns	1	0.066	0.068	0.071	0.075	0.063	0.085	0.065	0.067	0.064	0.078
PM10*												
90th percentile	down	3	50.667	45.667	37.333	37	36.333	33	42	38.333	34.667	36.667
Weighted annual mean	down	3	28.767	27.6	22.067	21.167	22.2	21	24.1	20.933	19.8	21.033
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	33.95	34.6	26.1	33.6
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	9.08	9.447	8.673	10.37
<b>Memphis, TN-AR-MS</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	8.5	7.8	6.2	5	4.2	5.1	4.6	4.4	4.1	3.5
NO2												
Annual mean	ns	1	0.026	0.027	0.027	0.024	0.028	0.029	0.025	0.025	0.025	0.022
Ozone												
2nd highest daily max	ns	1	0.102	0.109	0.14	0.114	0.122	0.1	0.13	0.112	0.121	0.126
4th highest daily max 8-h average	ns	1	0.077	0.084	0.099	0.096	0.091	0.085	0.095	0.091	0.092	0.1

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
PM10*												
90th percentile	down	2	49.5	45.5	47	39.5	45.5	41.5	42	37.5	36	30.5
Weighted annual mean	down	2	29.55	28.05	28.7	26.15	27.55	25.8	26.1	26.2	23.9	19.4
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	34.9	36	31.9	36.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	15.85	16.3	14.53	13.78
<b>Merced, CA</b>												
NO2												
Annual mean	ns	1	0.015	0.013	0.012	0.012	0.013	0.011	0.012	0.012	0.012	0.012
Ozone												
2nd highest daily max	ns	1	0.12	0.119	0.13	0.124	0.09	0.14	0.125	0.12	0.113	0.137
4th highest daily max 8-h average	ns	1	0.096	0.097	0.107	0.102	0.074	0.112	0.105	0.103	0.096	0.105
PM2.5*												
98th percentile	NA	1	ND	68.4	70.1	55.1						
Weighted annual mean	NA	1	ND	17.28	16.75	18.74						
<b>Miami, FL</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.5	4.9	5.1	4.6	4.1	3.4	3.9	3.4	4.2	3
SO2												
2nd daily max	ns	1	0.004	0.004	0.004	0.005	0.004	0.004	0.003	0.003	0.004	0.004
Annual mean	ns	1	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002
NO2												
Annual mean	ns	2	0.012	0.01	0.011	0.011	0.012	0.011	0.012	0.011	0.011	0.01
Ozone												
2nd highest daily max	ns	2	0.105	0.092	0.098	0.092	0.101	0.103	0.107	0.088	0.098	0.089
4th highest daily max 8-h average	ns	2	0.081	0.072	0.072	0.069	0.073	0.083	0.077	0.074	0.067	0.063
PM10*												
90th percentile	ns	3	39	33.667	35.667	41.667	32	35.667	32.667	33.667	38	33.333
Weighted annual mean	down	3	27.533	25.067	26.067	26.767	23.467	26	23.067	23.967	24.133	21.4
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	21.75	22.65	19.45	19.6
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	10.33	10.075	8.97	8.27
<b>Middlesex-Somerset-Hunterdon, NJ PMS</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.7	4.3	5.4	3.3	3.8	3	3.2	3.2	3.3	2.6
SO2												
2nd daily max	ns	1	0.018	0.028	0.018	0.024	0.019	0.018	0.016	0.018	0.024	0.016
Annual mean	ns	1	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005
NO2												
Annual mean	ns	1	0.019	0.019	0.019	0.02	0.018	0.019	0.019	0.019	0.018	0.016
Ozone												
2nd highest daily max	ns	2	0.088	0.085	0.133	0.117	0.13	0.118	0.144	0.111	0.132	0.121
4th highest daily max 8-h average	ns	2	0.069	0.065	0.106	0.092	0.105	0.098	0.11	0.093	0.103	0.101
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	31.4	34.5	34.1	26
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	11.49	13.14	13.23	11.13
<b>Milwaukee-Waukesha, WI</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	2.9	3	2.4	1.9	1.8	1.9	1.9	1.5	1.5	1.5
SO2												
2nd daily max	ns	1	0.018	0.032	0.025	0.028	0.028	0.022	0.024	0.026	0.018	0.018
Annual mean	ns	1	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
NO2												
Annual mean	down	1	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
Ozone												
2nd highest daily max	ns	2	0.103	0.133	0.123	0.112	0.118	0.118	0.116	0.096	0.113	0.118
4th highest daily max 8-h average	ns	2	0.082	0.087	0.103	0.086	0.083	0.084	0.091	0.08	0.093	0.091
PM10*												
90th percentile	ns	2	44	37.5	51	34.5	33.5	37.5	36	32.5	33.5	38.5
Weighted annual mean	ns	2	23.95	24.25	25.65	23.35	22.1	24.65	22.3	20.55	22.05	22.5
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	37.733	31.233	37.3	35.033
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	14.427	13.253	13.67	12.873

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Minneapolis-St. Paul, MN-WI</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	3	3.933	4.833	3.867	3.067	3.233	4	3.033	3.067	3	2.633
SO2												
2nd daily max	ns	2	0.021	0.025	0.018	0.019	0.024	0.019	0.022	0.02	0.015	0.015
Annual mean	down	2	0.003	0.004	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.002
NO2												
Annual mean	down	1	0.019	0.019	0.019	0.015	0.014	0.013	0.014	0.012	0.012	0.01
Ozone												
2nd highest daily max	ns	2	0.074	0.081	0.101	0.092	0.088	0.092	0.085	0.088	0.097	0.088
4th highest daily max 8-h average	ns	2	0.058	0.069	0.077	0.071	0.076	0.071	0.074	0.068	0.075	0.074
PM2.5*												
98th percentile	NA	1	ND	42.7	34.7	24.3						
Weighted annual mean	NA	1	ND	13.12	13.02	11.33						
<b>Missoula, MT</b>												
PM10*												
90th percentile	down	1	76	63	45	45	40	37	29	30	34	31
Weighted annual mean	down	1	45	33	24.2	24	21.3	20.2	17.7	18.3	19.9	16.4
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	29.3	33.8	43.7	24.8
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	9.83	12.41	10.43	8.47
<b>Mobile, AL</b>												
Ozone												
2nd highest daily max	ns	1	0.098	0.085	0.108	0.104	0.117	0.114	0.118	0.115	0.095	0.094
4th highest daily max 8-h average	ns	1	0.074	0.072	0.079	0.081	0.081	0.098	0.085	0.089	0.076	0.075
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	36.1	39.7	26.7	22.8
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	16.81	15.27	12.35	10.57
<b>Modesto, CA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	2	4.65	5.1	4.2	4.3	3.7	4.3	4.85	4.25	3.95	3.2
NO2												
Annual mean	down	2	0.02	0.02	0.019	0.019	0.019	0.019	0.02	0.017	0.018	0.017
Ozone												
2nd highest daily max	ns	2	0.12	0.112	0.125	0.124	0.11	0.14	0.109	0.108	0.11	0.115
4th highest daily max 8-h average	ns	2	0.093	0.09	0.099	0.096	0.086	0.103	0.089	0.089	0.093	0.095
PM10*												
90th percentile	ns	2	52.5	52.5	69.5	48	51.5	54.5	71	53	54.5	53.5
Weighted annual mean	ns	2	34.45	34.45	33.7	28.6	31.55	28.15	38.55	30	32.4	31
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	100	71	69	69
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	24.88	18.92	15.58	18.67
<b>Monmouth-Ocean, NJ</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	6.4	5	3.6	4.6	3.2	2.9	3.4	3.2	3.8	1.9
Ozone												
2nd highest daily max	ns	1	0.123	0.119	0.149	0.118	0.15	0.135	0.135	0.136	0.13	0.146
4th highest daily max 8-h average	ns	1	0.103	0.099	0.117	0.095	0.113	0.104	0.105	0.114	0.108	0.125
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	36.8	36.6	32.55	28.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	10.37	11.52	11.165	10.81
<b>Monroe, LA</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	28.2	27.2	27.2	32.9
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	13.93	13.33	11.85	10.77
<b>Montgomery, AL</b>												
Ozone												
2nd highest daily max	ns	2	0.116	0.098	0.097	0.097	0.085	0.119	0.103	0.105	0.093	0.099
4th highest daily max 8-h average	ns	2	0.086	0.078	0.082	0.072	0.069	0.092	0.085	0.085	0.077	0.081
PM10*												
90th percentile	ns	2	37	38	42	36	39.5	40	40	42.5	40	33
Weighted annual mean	ns	2	24.35	25.45	25	21.85	23.4	27.25	24.65	25.25	22.1	21.2

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	44.5	42.2	29	28.4
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	18.94	17.2	14.4	14.56
<b>Muncie, IN</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	34.8	35.7	30	
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	16.24	14.49	14.51	
<b>Myrtle Beach, SC</b>												
Maximum quarterly value	ns	1	0.006	0.006	0.004	0.004	0.003	0.009	0.01	0.005	0.008	0.002
<b>Nashua, NH</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.8	8	7.6	7.8	5.3	5.3	4.1	4	3.7	
SO2												
2nd daily max	down	2	0.019	0.023	0.019	0.019	0.02	0.016	0.015	0.016	0.014	0.013
Annual mean	down	2	0.005	0.006	0.004	0.004	0.005	0.004	0.004	0.003	0.004	0.003
Ozone												
2nd highest daily max	ns	1	0.125	0.105	0.111	0.098	0.115	0.1	0.1	0.089	0.108	0.12
4th highest daily max 8-h average	ns	1	0.086	0.083	0.088	0.081	0.094	0.084	0.089	0.07	0.091	0.094
PM10*												
90th percentile	ns	2	28.5	32.5	26	28.5	30	29	28	25	32.5	30.5
Weighted annual mean	ns	2	16.55	14.8	13.85	16.9	18.25	16.65	16.5	15.05	16.85	15.5
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	50.9	20.8	28.2	28.2
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	13.5	10.29	10.83	10.83
<b>Nashville, TN</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	7.3	7.1	7.3	5	6.3	5.6	5.4	5.6	5.8	5.1
SO2												
2nd daily max	down	2	0.063	0.041	0.025	0.049	0.059	0.035	0.029	0.029	0.026	0.015
Annual mean	down	2	0.01	0.007	0.005	0.006	0.006	0.005	0.004	0.004	0.004	0.003
NO2												
Annual mean	ns	1	0.012	0.02	0.014	0.012	0.013	0.011	0.019	0.019	0.018	0.016
Ozone												
2nd highest daily max	ns	2	0.098	0.093	0.095	0.096	0.113	0.105	0.116	0.096	0.086	0.098
4th highest daily max 8-h average	ns	2	0.074	0.076	0.078	0.078	0.092	0.088	0.092	0.079	0.073	0.082
PM10*												
90th percentile	ns	2	41.5	45.5	44	39	40.5	43	40.5	44.5	39.5	41
Weighted annual mean	down	2	27.25	26.1	27.2	25.55	24.45	25.4	24.2	26.95	24.15	22.4
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	43	36.9	34.7	33.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	18.83	16.97	15.23	14.3
<b>Nassau-Suffolk, NY</b>												
NO2												
Annual mean	down	1	0.026	0.028	0.025	0.026	0.025	0.022	0.025	0.024	0.024	0.022
Ozone												
2nd highest daily max	ns	1	0.134	0.126	0.146	0.12	0.137	0.143	0.126	0.112	0.126	0.141
4th highest daily max 8-h average	ns	1	0.097	0.092	0.11	0.091	0.106	0.096	0.091	0.086	0.084	0.108
PM10*												
90th percentile	ns	1	30	41	37	29	35	29	25	29	26	31
Weighted annual mean	down	1	19.4	23.9	20.1	18	21.3	18.1	15.9	17	17.4	17.5
PM2.5*												
98th percentile	NA	1	ND	32.1	31.3	31.9						
Weighted annual mean	NA	1	ND	12.22	12.86	11.35						
<b>New Bedford, MA</b>												
Ozone												
2nd highest daily max	ns	1	0.088	0.096	0.138	0.118	0.123	0.101	0.125	0.101	0.136	0.113
4th highest daily max 8-h average	ns	1	0.073	0.077	0.107	0.092	0.092	0.083	0.098	0.082	0.101	0.087
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	30	34.65	39.3	23.1
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.12	12.395	12.67	10.25
<b>New Haven-Meriden, CT</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.7	3.7	3.7	2.9	3.9	2.7	3.1	2.6	2.5	2.3

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
SO2												
2nd daily max	ns	1	0.044	0.056	0.038	0.031	0.032	0.031	0.027	0.031	0.037	0.032
Annual mean	ns	1	0.009	0.01	0.008	0.008	0.006	0.006	0.007	0.006	0.007	0.007
NO2												
Annual mean	ns	1	0.027	0.03	0.025	0.026	0.024	0.027	0.026	0.025	0.027	0.025
Ozone												
2nd highest daily max	ns	1	0.147	0.148	0.165	0.12	0.145	0.13	0.143	0.136	0.146	0.146
4th highest daily max 8-h average	ns	1	0.105	0.093	0.117	0.095	0.109	0.097	0.104	0.087	0.1	0.11
PM10*												
90th percentile	ns	2	48	61.5	48.5	40	38.5	35.5	38	38.5	43.5	39
Weighted annual mean	down	2	28.05	34	26.7	24.35	24.95	23.95	23.5	24.15	24.85	22.2
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	36.05	37.133	37.4	34.067
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	15.525	13.94	14.377	13.403
New London-Norwich, CT-RI												
Ozone												
2nd highest daily max	ns	1	0.126	0.118	0.14	0.121	0.15	0.116	0.127	0.135	0.11	0.134
4th highest daily max 8-h average	ns	1	0.099	0.093	0.101	0.095	0.104	0.083	0.096	0.084	0.09	0.095
PM10*												
90th percentile	down	1	32	40	31	31	30	29	25	26	32	28
Weighted annual mean	down	1	18.8	22.7	17.6	19.4	18.9	18	16.5	16.2	17.1	14.6
PM2.5*												
98th percentile	NA	1	ND	27.6	34.4	25.7						
Weighted annual mean	NA	1	ND	11.05	12.74	11.13						
New Orleans, LA												
CO												
Maximum quarterly value	ns	1	0.074	0.121	0.411	0.093	0.055	0.115	0.078	0.115	0.103	0.125
SO2												
2nd daily max	ns	1	0.025	0.027	0.022	0.035	0.017	0.026	0.023	0.02	0.026	0.016
Annual mean	down	1	0.006	0.008	0.007	0.006	0.005	0.004	0.005	0.005	0.005	0.004
NO2												
Annual mean	ns	1	0.019	0.02	0.021	0.018	0.018	0.02	0.022	0.019	0.02	0.017
Ozone												
2nd highest daily max	ns	3	0.108	0.11	0.11	0.106	0.098	0.11	0.108	0.115	0.098	0.102
4th highest daily max 8-h average	ns	3	0.079	0.084	0.086	0.084	0.078	0.083	0.087	0.089	0.078	0.073
PM10*												
90th percentile	ns	1	42	42	35	33	39	43	47	44	49	37
Weighted annual mean	ns	1	26.7	26.7	24.6	23.1	25.8	26.45	27.1	26.2	29.6	23.3
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	36	33.45	29	22.2
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	15.04	14.02	13.135	11.13
New York, NY												
CO												
Maximum quarterly value	ns	1	0.031	0.031	0.024	0.024	0.022	0.021	0.022	0.023	0.024	0.024
SO2												
2nd max (daily-non-overlapping 8-h)	down	3	4.7	4.967	5.633	4.467	3.667	3.767	4.167	3.533	2.833	2.667
NO2												
Annual mean	down	1	0.052	0.064	0.047	0.047	0.04	0.038	0.045	0.046	0.038	0.036
Ozone												
2nd highest daily max	ns	2	0.018	0.017	0.015	0.015	0.012	0.012	0.013	0.013	0.013	0.012
4th highest daily max 8-h average	ns	2	0.116	0.121	0.123	0.12	0.14	0.104	0.142	0.106	0.111	0.125
PM10*												
90th percentile	down	1	35	34	30	31	30	29	35	31	28	27
Weighted annual mean	down	1	19.7	20.7	19.1	20	19.6	17.5	16.2	18.8	15.9	18.3
PM2.5*												
98th percentile	NA	4	ND	38.525	36.425	34.075						
Weighted annual mean	NA	4	ND	15.108	15.135	13.783						
Newark, NJ												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	6	11.3	7.7	6	5.1	5.1	6.6	4.7	4.8	4.4

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
SO2												
2nd daily max	down	2	0.025	0.033	0.026	0.027	0.025	0.021	0.022	0.023	0.023	0.02
Annual mean	ns	2	0.007	0.007	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006
NO2												
Annual mean	ns	2	0.024	0.027	0.025	0.026	0.026	0.027	0.026	0.026	0.026	0.025
Ozone												
2nd highest daily max	ns	1	0.121	0.119	0.125	0.114	0.111	0.119	0.119	0.11	0.121	0.142
4th highest daily max 8-h average	ns	1	0.104	0.094	0.11	0.093	0.097	0.097	0.102	0.09	0.101	0.105
PM10*												
90 <sup>th</sup> percentile	ns	1	59	62	48	52	51	49	55	54	50	51
Weighted annual mean	ns	1	33.7	36.7	28.9	35.6	32	31.2	32.7	35.3	32.4	29.8
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	35.25	37.2	36.6	36.7
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	13.365	14.03	13.78	12.58
<b>Newburgh, NY-PA</b>												
Ozone												
2nd highest daily max	ns	1	0.115	0.115	0.115	0.12	0.102	0.104	0.119	0.096	0.108	0.099
4th highest daily max 8-h average	down	1	0.095	0.095	0.095	0.091	0.088	0.088	0.094	0.078	0.09	0.085
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	29.8	27.8	30.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	11.87	11.58	11.04
<b>Norfolk-Virginia Beach-Newport News, VA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	5.55	6.3	4.7	5.05	3.7	5.55	4.25	3.65	3.85	3.6
SO2												
2nd daily max	ns	1	0.027	0.025	0.028	0.025	0.023	0.021	0.022	0.023	0.023	0.031
Annual mean	ns	1	0.007	0.008	0.007	0.007	0.007	0.006	0.007	0.007	0.006	0.006
NO2												
Annual mean	ns	1	0.021	0.019	0.018	0.018	0.019	0.019	0.017	0.016	0.018	0.018
Ozone												
2nd highest daily max	ns	1	0.123	0.101	0.099	0.097	0.113	0.104	0.135	0.094	0.1	0.128
4th highest daily max 8-h average	ns	1	0.095	0.085	0.082	0.083	0.097	0.09	0.097	0.081	0.085	0.102
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	35.4	29.75	30.4	28.05
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	13.33	13.585	13.515	12.155
<b>Oakland, CA</b>												
CO												
Maximum quarterly value	down	1	0.015	0.012	0.009	0.009	0.005	0.006	0.007	0.012	0.005	0.005
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	38.3	54.4	50.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	11.21	11.93	13.83
<b>Ocala, FL</b>												
PM2.5*												
98 <sup>th</sup> percentile	NA	1	ND	ND	ND	ND	ND	ND	21.3	23.9	22.8	24.8
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	11.4	10.95	10.37	9.82
<b>Oklahoma City, OK</b>												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	6.2	5.3	4.8	5.2	5.4	4.1	4.3	4.2	4	3
NO2												
Annual mean	ns	1	0.013	0.015	0.014	0.014	0.015	0.015	0.014	0.013	0.013	0.014
Ozone												
2nd highest daily max	down	1	0.103	0.1	0.103	0.102	0.103	0.109	0.097	0.091	0.093	0.091
4th highest daily max 8-h average	ns	1	0.077	0.079	0.085	0.081	0.084	0.089	0.084	0.08	0.078	0.08
PM10*												
90th percentile	ns	1	39	35	42	49	42	42.667	43.333	44	38	38
Weighted annual mean	ns	1	23.9	23.3	22.8	27.4	23.8	24.4	25	25.6	22.9	22.5
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	ND	25.9	26	29.5
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	ND	10.66	10.895	10.445
<b>Olympia, WA</b>												
PM10*												
90th percentile	down	1	49	30	35	30	36	22	26	31	26	25
Weighted annual mean	down	1	23.8	17.7	16.8	15.4	16	14.1	14.4	15.4	15.4	13.9

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	29.4	41.2	36.4	30.1
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	9.21	10.33	9.64	9.04
<b>Omaha, NE-IA</b>												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	ns	1	7.3	4.2	7.5	6.9	5.4	7.7	8.8	3	3.8	3.9
Ozone												
2nd highest daily max	ns	1	0.058	0.078	0.088	0.074	0.074	0.075	0.088	0.077	0.07	0.08
4th highest daily max 8-h average	ns	1	0.048	0.065	0.075	0.063	0.063	0.065	0.068	0.063	0.056	0.07
PM10*												
90th percentile	ns	2	50	55	49	53	59.5	69.5	83.5	60	57	59
Weighted annual mean	up	2	31.95	35.05	30.1	36.2	35.4	36.15	44.55	39.3	36.7	36.85
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	ND	25.8	23.75	27.1
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	ND	10.775	10.52	10.615
<b>Orange County, CA</b>												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	2	6.65	7.95	6.3	6.35	5.2	5.7	5.675	5.45	4.1	4.15
SO2												
2nd daily max	ns	1	0.006	0.005	0.005	0.004	0.006	0.005	0.005	0.005	0.004	0.009
Annual mean	ns	1	0.002	0.002	0.003	0.001	0.001	0.002	0.002	0.002	0.002	0.002
NO2												
Annual mean	down	2	0.03	0.032	0.031	0.027	0.026	0.026	0.027	0.025	0.022	0.021
Ozone												
2nd highest daily max	down	2	0.14	0.131	0.117	0.105	0.097	0.126	0.108	0.1	0.094	0.092
4th highest daily max 8-h average	down	2	0.084	0.085	0.078	0.075	0.071	0.08	0.073	0.071	0.068	0.068
PM10*												
90th percentile	ns	1	63	54	74	57	58	53	89	59	55	49
Weighted annual mean	ns	1	38.3	37.5	43.5	35.2	38.8	35.8	44.3	39.5	36	33.5
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	ND	51.4	52.05	46.95
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	ND	17.53	18.91	17.055
<b>Orlando, FL</b>												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	2	3.8	3.6	3.3	3.25	3.55	2.95	2.75	2.5	2.05	2.5
SO2												
2nd daily max	ns	1	0.011	0.012	0.006	0.008	0.006	0.007	0.007	0.009	0.008	0.005
Annual mean	ns	1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001
NO2												
Annual mean	ns	1	0.012	0.011	0.01	0.013	0.013	0.011	0.012	0.012	0.012	0.011
Ozone												
2nd highest daily max	ns	2	0.097	0.101	0.099	0.1	0.103	0.109	0.101	0.104	0.094	0.101
4th highest daily max 8-h average	ns	2	0.081	0.082	0.075	0.077	0.079	0.089	0.082	0.08	0.078	0.075
PM10*												
90th percentile	ns	3	32.333	30	30.333	34.333	30	34.667	33.333	33.333	30	27.667
Weighted annual mean	ns	3	22.333	21.6	20.5	22.267	21.8	23.9	23.2	22.8	22.8	18.967
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	ND	24.6	29.7	27
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	ND	11.275	11.94	10.795
<b>Owensboro, KY</b>												
SO2												
2nd daily max	down	1	0.05	0.035	0.028	0.02	0.027	0.023	0.024	0.017	0.019	0.02
Annual mean	down	1	0.009	0.009	0.007	0.007	0.007	0.007	0.006	0.005	0.004	0.004
NO2												
Annual mean	down	1	0.012	0.012	0.013	0.011	0.012	0.013	0.011	0.011	0.01	0.01
Ozone												
2nd highest daily max	ns	1	0.106	0.107	0.109	0.107	0.108	0.11	0.102	0.082	0.086	0.109
4th highest daily max 8-h average	ns	1	0.081	0.092	0.088	0.086	0.087	0.086	0.09	0.074	0.073	0.086
PM10*												
90th percentile	down	1	43	42	42	40	39	40	38	32	34	33
Weighted annual mean	down	1	24.9	25.6	24.9	23.4	22.8	23.1	22	20	20.6	19.9
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	33.1	32.3	31.5	29.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	15.22	15.2	15.18	14.64

**Metropolitan Statistical Area Air Quality Trends, 1993-2002**

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Panama City, FL</b>												
PM10*												
90th percentile	ns	1	46	34	37	31	38	41	35	37	31	31
Weighted annual mean	ns	1	29.3	22.6	23.4	21.9	25.1	25.4	25.2	24.8	22.4	20.8
<b>Parkersburg-Marietta, WV-OH</b>												
SO2												
2nd daily max	ns	1	0.065	0.084	0.041	0.046	0.052	0.089	0.058	0.036	0.035	0.038
Annual mean	ns	1	0.014	0.017	0.01	0.01	0.01	0.013	0.013	0.011	0.009	0.01
Ozone												
2nd highest daily max	ns	2	0.114	0.113	0.117	0.107	0.106	0.113	0.121	0.104	0.106	0.114
4th highest daily max 8-h average	ns	2	0.092	0.095	0.097	0.088	0.085	0.093	0.096	0.085	0.085	0.095
PM10*												
90th percentile	ns	1	51	51	40	34	39	44	36	39	37	37
Weighted annual mean	down	1	29.2	27.3	25.3	22.7	23.1	23.1	20.5	21.4	22.1	23.5
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	42.8	38	42.1	37
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	17.27	17.68	17.4	15.76
<b>Pensacola, FL</b>												
SO2												
2nd daily max	ns	2	0.047	0.045	0.023	0.024	0.031	0.023	0.024	0.027	0.025	0.021
Annual mean	down	2	0.006	0.005	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.003
Ozone												
2nd highest daily max	ns	2	0.102	0.108	0.117	0.098	0.11	0.121	0.102	0.113	0.093	0.09
4th highest daily max 8-h average	ns	2	0.08	0.085	0.083	0.079	0.085	0.095	0.084	0.09	0.079	0.073
PM10*												
90th percentile	ns	2	39	34.5	31.5	31	41.5	37	38	32.5	30	27.5
Weighted annual mean	down	2	25.8	23	21.7	20	23.7	21.9	23.25	21.8	20.9	17.7
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	29.8	31.8	22.2	22.4
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	14.82	13.93	11.39	10.95
<b>Peoria-Pekin, IL</b>												
CO												
Maximum quarterly value	down	1	0.032	0.019	0.026	0.024	0.019	0.017	0.017	0.018	0.019	0.013
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	7.3	5.7	5.6	4.6	4.7	5.8	4.6	3.4	3.5	3.1
SO2												
2nd daily max	ns	2	0.039	0.05	0.084	0.045	0.042	0.041	0.036	0.05	0.054	0.043
Annual mean	down	2	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.005
Ozone												
2nd highest daily max	ns	2	0.079	0.089	0.094	0.089	0.086	0.085	0.098	0.083	0.081	0.098
4th highest daily max 8-h average	ns	2	0.064	0.076	0.082	0.081	0.072	0.076	0.082	0.072	0.074	0.083
PM10*												
90th percentile	ns	1	35	39	38	31	41	42	40	43	36	36
Weighted annual mean	ns	1	19.6	20.6	20.1	20.6	26.2	25.5	23.1	24.3	22.3	21.2
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	38	32.2	36.4	33.6
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	16.04	14.85	13.94	13.88
<b>Philadelphia, PA-NJ</b>												
CO												
Maximum quarterly value	down	2	0.076	0.06	0.058	0.05	0.045	0.037	0.039	0.049	0.031	0.03
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	5	5.4	6.16	4.36	4.72	4	3.6	3.86	3.58	3.34	2.36
SO2												
2nd daily max	down	4	0.029	0.04	0.028	0.026	0.026	0.022	0.022	0.024	0.025	0.023
Annual mean	down	4	0.008	0.009	0.007	0.007	0.007	0.007	0.006	0.007	0.006	0.006
NO2												
Annual mean	down	4	0.024	0.027	0.024	0.025	0.023	0.023	0.022	0.022	0.022	0.021
Ozone												
2nd highest daily max	ns	5	0.121	0.115	0.131	0.12	0.117	0.115	0.126	0.113	0.116	0.126
4th highest daily max 8-h average	ns	5	0.096	0.088	0.106	0.091	0.095	0.093	0.099	0.09	0.094	0.104
PM10*												
90th percentile	down	2	48	59	48.5	49	49	42	37.5	42	42	38.5
Weighted annual mean	down	2	28.25	32.75	29.25	29.9	28.25	24.5	20.35	23.825	24.1	23.25
PM2.5*												
98th percentile	NA	4	ND	ND	ND	ND	ND	ND	34.8	36.975	37.975	36.025
Weighted annual mean	NA	4	ND	ND	ND	ND	ND	ND	13.353	14.895	15.244	14.148

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Phoenix-Mesa, AZ</b>												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	2	6.5	7.25	6.1	5.95	5.2	6.35	5.5	5.15	4.55	4.1
SO2												
2nd daily max	ns	1	0.008	0.008	0.008	0.017	0.009	0.011	0.012	0.012	0.009	0.01
Annual mean	ns	1	0.002	0.002	0.002	0.003	0.004	0.004	0.003	0.003	0.003	0.003
NO2												
Annual mean	ns	1	0.029	0.029	0.029	0.029	0.028	0.028	0.031	0.029	0.026	0.029
Ozone												
2nd highest daily max	ns	2	0.116	0.108	0.123	0.111	0.105	0.113	0.109	0.103	0.098	0.11
4th highest daily max 8-h average	ns	2	0.081	0.077	0.088	0.088	0.085	0.088	0.088	0.084	0.081	0.085
PM10*												
90th percentile	ns	2	56	62	64.5	64	67	59.5	74	70	54	62.5
Weighted annual mean	ns	2	38.55	38.85	39.9	39.9	43.75	34.15	42.95	44.9	36.1	45.15
<b>Pittsburgh, PA</b>												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	5.4	7	5.9	4.3	3.8	3.8	3.9	3.2	3.4	2.7
SO2												
2nd daily max	down	2	0.077	0.087	0.073	0.053	0.068	0.073	0.065	0.064	0.063	0.057
Annual mean	down	2	0.016	0.016	0.013	0.013	0.013	0.013	0.013	0.011	0.012	0.013
NO2												
Annual mean	down	1	0.024	0.027	0.023	0.024	0.022	0.026	0.024	0.022	0.021	0.02
Ozone												
2nd highest daily max	ns	3	0.116	0.114	0.124	0.107	0.114	0.114	0.128	0.098	0.105	0.117
4th highest daily max 8-h average	ns	3	0.094	0.097	0.104	0.09	0.094	0.095	0.096	0.082	0.089	0.103
PM10*												
90th percentile	down	2	79	82	71	68	67.5	70	61.5	65.5	67	63
Weighted annual mean	down	2	38.45	43.3	37.1	35.55	34.3	35.75	32.2	34.05	35.85	31.6
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	49.3	49.15	52.8	50.65
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	18.8	18.275	19.815	17.815
<b>Pittsfield, MA</b>												
Ozone												
2nd highest daily max	ns	1	0.112	0.085	0.086	0.108	0.087	0.078	0.092	0.088	0.112	0.103
4th highest daily max 8-h average	ns	1	0.083	0.074	0.072	0.081	0.078	0.069	0.075	0.072	0.092	0.086
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	47.7	28.8	33.8	31.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.78	11.8	13.35	11.44
<b>Pocatello, ID</b>												
SO2												
2nd daily max	ns	1	0.037	0.037	0.037	0.03	0.034	0.034	0.046	0.036	0.037	0.027
Annual mean	ns	1	0.007	0.007	0.007	0.006	0.005	0.006	0.007	0.008	0.007	0.005
PM10*												
90th percentile	ns	1	56	50	40	46	39	37	48	45	48	45
Weighted annual mean	ns	1	39.4	30.5	23.2	24.4	22.9	22.4	25.3	24.9	26	25.4
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	72.25	51.1	36.2	36.85
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	9.64	10.46	9.32	8.66
<b>Ponce, PR</b>												
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	17.35	17.95	14.25	13.1
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	8.19	7.27	7.24	7.23
<b>Portland, ME</b>												
Ozone												
2nd highest daily max	ns	1	0.112	0.122	0.116	0.1	0.13	0.12	0.105	0.077	0.116	0.122
4th highest daily max 8-h average	ns	1	0.089	0.088	0.096	0.083	0.103	0.089	0.076	0.067	0.097	0.096
PM10*												
90th percentile	ns	1	51	46	69	43	51	46	33	46	46	53
Weighted annual mean	down	1	29	26.5	34.3	27.1	29.3	26.7	21.4	23.7	25.6	24.6
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	34.2	27.1	30.5	28.3
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	10.01	9.565	10.28	9.58

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Portland-Vancouver, OR-WA</b>												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	6.8	7.8	6.3	6.4	6	5.5	6.7	6.2	4.7	5.7
Ozone												
2nd highest daily max	ns	1	0.082	0.106	0.092	0.124	0.079	0.136	0.094	0.082	0.093	0.099
4th highest daily max 8-h average	ns	1	0.062	0.078	0.073	0.099	0.062	0.081	0.072	0.065	0.069	0.063
PM10*												
90th percentile	down	3	47.667	41.333	35	33	34.333	31.667	31.333	31.667	26.333	27.667
Weighted annual mean	down	3	26.867	25.2	21.433	21.267	22.667	20.533	19.3	18.667	17.1	17.1
PM2.5*												
98th percentile	NA	4	ND	ND	ND	ND	ND	ND	30.55	32.325	27.325	34.525
Weighted annual mean	NA	4	ND	ND	ND	ND	ND	ND	9.115	10.028	8.998	9.323
<b>Portsmouth-Rochester, NH-ME</b>												
SO2												
2nd daily max	down	1	0.019	0.022	0.017	0.015	0.018	0.016	0.019	0.013	0.013	0.013
Annual mean	down	1	0.006	0.006	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
NO2												
Annual mean	down	1	0.014	0.013	0.012	0.013	0.013	0.012	0.01	0.011	0.011	0.011
Ozone												
2nd highest daily max	ns	2	0.117	0.118	0.122	0.097	0.121	0.11	0.107	0.087	0.102	0.106
4th highest daily max 8-h average	ns	2	0.085	0.087	0.087	0.079	0.091	0.087	0.087	0.069	0.079	0.081
PM10*												
90th percentile	down	1	31	29	27	30	29	27	30	26	26	26
Weighted annual mean	down	1	19	15.3	15.3	17.8	17.9	16.4	16.2	14.5	14.5	14.5
<b>Providence-Fall River-Warwick, RI-MA</b>												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	5.4	6.7	7	4.4	5.6	4.7	3.9	3.5	3.8	2.7
SO2												
2nd daily max	ns	3	0.034	0.035	0.024	0.03	0.031	0.025	0.024	0.031	0.028	0.022
Annual mean	down	3	0.008	0.008	0.006	0.007	0.007	0.006	0.006	0.006	0.006	0.005
NO2												
Annual mean	ns	1	0.022	0.022	0.022	0.025	0.025	0.025	0.024	0.02	0.02	0.018
Ozone												
2nd highest daily max	ns	1	0.12	0.12	0.131	0.112	0.108	0.098	0.108	0.115	0.128	0.124
4th highest daily max 8-h average	ns	1	0.089	0.089	0.096	0.083	0.084	0.077	0.08	0.08	0.102	0.092
PM10*												
90th percentile	down	1	46	46	36	40	35	32	35	31	38	30
Weighted annual mean	down	1	28.6	28.6	21.5	24.5	24.1	22.5	23.1	21.3	21.7	18.3
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	36	28.867	33.267	29.067
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	11.75	10.99	12.383	10.837
<b>Provo-Orem, UT</b>												
NO2												
Annual mean	ns	1	0.026	0.024	0.023	0.024	0.023	0.024	0.024	0.024	0.024	0.025
Ozone												
2nd highest daily max	ns	1	0.084	0.084	0.083	0.097	0.08	0.102	0.096	0.085	0.086	0.096
4th highest daily max 8-h average	ns	1	0.068	0.069	0.068	0.078	0.07	0.083	0.073	0.071	0.067	0.077
PM10*												
90th percentile	ns	2	71.5	55	48.5	56.5	49.5	44	51.5	52	53	48.5
Weighted annual mean	ns	2	37.5	34.25	28.8	33.7	30	26.25	29.6	29.1	31.4	30.15
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	31.15	33.75	55.15	41.4
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	9.355	9.925	11.685	11.26
<b>Pueblo, CO</b>												
PM2.5*												
98th percentile	NA	1	ND	19.9	19.4	16.9						
Weighted annual mean	NA	1	ND	7.81	8.52	7.76						
<b>Racine, WI</b>												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	4.1	4.3	4.3	3	3.1	3	2.7	2.3	2.1	2

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ozone												
2nd highest daily max	ns	1	0.103	0.114	0.113	0.129	0.117	0.124	0.114	0.096	0.115	0.141
4th highest daily max 8-h average	ns	1	0.08	0.088	0.096	0.083	0.098	0.084	0.093	0.078	0.092	0.111
Raleigh-Durham-Chapel Hill, NC												
Ozone												
2nd highest daily max	ns	4	0.103	0.101	0.102	0.095	0.106	0.115	0.122	0.11	0.103	0.116
4th highest daily max 8-h average	ns	4	0.085	0.081	0.084	0.08	0.09	0.095	0.097	0.086	0.085	0.1
PM10*												
90th percentile	ns	2	39	31	33.5	39	39.5	40	36.5	35.5	37	34.5
Weighted annual mean	ns	2	24.75	21.8	23.3	25.1	24.6	24.4	22.15	23.05	23.15	21.55
PM2.5*												
98th percentile	NA	4	ND	ND	ND	ND	ND	ND	35.375	31.125	30.85	30.025
Weighted annual mean	NA	4	ND	ND	ND	ND	ND	ND	15.258	14.843	13.958	13.12
Rapid City, SD												
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	25	23.133	19.533	22.6
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	9.09	7.833	7.917	7.37
Reading, PA												
SO2												
2nd daily max	down	1	0.027	0.037	0.032	0.037	0.028	0.022	0.027	0.028	0.025	0.019
Annual mean	down	1	0.009	0.01	0.009	0.009	0.008	0.009	0.008	0.008	0.007	0.007
NO2												
Annual mean	down	1	0.021	0.023	0.021	0.022	0.021	0.021	0.021	0.02	0.02	0.019
Ozone												
2nd highest daily max	ns	2	0.108	0.104	0.112	0.105	0.115	0.105	0.126	0.103	0.122	0.11
4th highest daily max 8-h average	ns	2	0.088	0.084	0.093	0.086	0.092	0.091	0.101	0.08	0.095	0.093
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	35.7	37.5	43	48.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	13.51	16.87	16.49	16.66
Redding, CA												
PM10*												
90th percentile	ns	1	47	47	47	39	37	46	40	37	41	42
Weighted annual mean	ns	1	29.9	29.9	25.2	24.1	22.2	23.4	28.5	23.6	23.6	25.4
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	55	42	29	38
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	11.53	10.355	9.18	10.68
Reno, NV												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	3	6.067	7.633	5.533	6.467	6.533	6.033	7	4.633	4.5	4.3
Ozone												
2nd highest daily max	ns	2	0.087	0.088	0.083	0.096	0.084	0.093	0.094	0.083	0.087	0.095
4th highest daily max 8-h average	ns	2	0.063	0.07	0.069	0.074	0.068	0.075	0.075	0.067	0.07	0.076
PM10*												
90th percentile	ns	3	81.333	74	58	61	67	64.333	62	64.333	64.667	56
Weighted annual mean	down	3	45.767	41.767	36.567	34.167	37.133	35.467	40.233	33.4	34.367	35.1
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	32.8	31.4	36.4	25.9
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	9.93	8.92	9.82	9.12
Richland-Kennewick-Pasco, WA												
PM10*												
90th percentile	up	1	27	27	34	38	33	30	42	40	38	42
Weighted annual mean	up	1	15.1	15.1	17.8	20.3	19.4	19.9	20.8	24	22	22.8
PM2.5*												
98th percentile	NA	1	ND	31.2	18.2	22.5						
Weighted annual mean	NA	1	ND	8.4	6.76	6.39						
Richmond-Petersburg, VA												
CO												
2 <sup>nd</sup> max (daily-non-overlapping 8-h)	down	1	3	2.7	2.3	2.5	2.5	1.7	1.9	2	2.3	2
SO2												
2nd daily max	down	1	0.032	0.024	0.023	0.022	0.017	0.019	0.017	0.017	0.019	0.021
Annual mean	down	1	0.007	0.006	0.005	0.006	0.006	0.006	0.005	0.006	0.005	0.005
NO2												
Annual mean	ns	1	0.01	0.012	0.011	0.01	0.012	0.012	0.011	0.011	0.012	0.012

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ozone												
2nd highest daily max	ns	1	0.132	0.101	0.106	0.104	0.123	0.116	0.133	0.094	0.119	0.137
4th highest daily max 8-h average	ns	1	0.1	0.082	0.088	0.084	0.1	0.092	0.097	0.076	0.089	0.105
PM10*												
90th percentile	down	1	45	36	43	44	39	39	28	38	35	29
Weighted annual mean	down	1	24.2	22.1	24.3	23.8	22.7	23.4	18.6	22.2	20.4	18.1
PM2.5*												
98th percentile	NA	4	ND	ND	ND	ND	ND	ND	35.467	32.875	33.1	30.35
Weighted annual mean	NA	4	ND	ND	ND	ND	ND	ND	14.117	14.515	13.74	13.093
Riverside-San Bernardino, CA												
CO												
Maximum quarterly value	ns	1	0.036	0.026	0.033	0.031	0.045	0.046	0.038	0.032	0.029	0.027
NO2												
Annual mean	down	2	0.036	0.036	0.038	0.033	0.03	0.029	0.032	0.03	0.031	0.03
Ozone												
2nd highest daily max	down	3	0.223	0.218	0.216	0.195	0.163	0.205	0.143	0.16	0.158	0.148
4th highest daily max 8-h average	down	3	0.162	0.153	0.151	0.138	0.118	0.152	0.112	0.115	0.121	0.115
PM10*												
90th percentile	down	2	81.5	71.5	77	67	68.5	66	73	64.5	71.5	66
Weighted annual mean	ns	2	51.35	45.8	44.45	43.3	43.35	41.65	49.55	41.6	46.2	44.3
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	70.15	55.633	53.7	53.333
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	28.875	21.85	23.547	22.79
Roanoke, VA												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.5	5.7	5.2	5.9	4.3	3.9	3.7	3.1	3.4	3
SO2												
2nd daily max	ns	1	0.018	0.011	0.01	0.014	0.013	0.009	0.01	0.014	0.009	0.009
Annual mean	down	1	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
NO2												
Annual mean	ns	1	0.015	0.013	0.013	0.013	0.013	0.014	0.012	0.011	0.014	0.013
Ozone												
2nd highest daily max	ns	1	0.103	0.102	0.093	0.084	0.102	0.126	0.105	0.095	0.101	0.107
4th highest daily max 8-h average	ns	1	0.084	0.084	0.079	0.073	0.084	0.099	0.089	0.081	0.089	0.091
PM10*												
90th percentile	down	1	63	63	64	71	64	54	54	57	42	47
Weighted annual mean	down	1	40	40	40.3	37.9	34.6	33.3	34.7	31.5	26.6	28.2
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	31.8	35.5	34.2	36
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	13.82	15.52	15.1	15.09
Rochester, NY												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	3.15	4.5	3.15	3.7	1.9	2.7	2.5	2.2	1.75	2.1
SO2												
2nd daily max	down	2	0.041	0.043	0.038	0.033	0.038	0.053	0.03	0.021	0.025	0.016
Annual mean	down	2	0.01	0.011	0.01	0.009	0.009	0.009	0.006	0.006	0.007	0.005
Ozone												
2nd highest daily max	ns	1	0.092	0.099	0.103	0.083	0.097	0.088	0.096	0.08	0.099	0.114
4th highest daily max 8-h average	ns	1	0.074	0.079	0.09	0.068	0.085	0.077	0.088	0.073	0.084	0.098
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	28.4	37.5	31.9	
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	11.76	11.66	11.22	
Rockford, IL												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4	4	4.5	3.2	3.7	3.6	3.8	2.9	2.9	2.4
Ozone												
2nd highest daily max	ns	1	0.079	0.101	0.104	0.089	0.08	0.085	0.093	0.084	0.086	0.091
4th highest daily max 8-h average	ns	1	0.062	0.079	0.084	0.077	0.071	0.073	0.082	0.069	0.078	0.079

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Rocky Mount, NC</b>												
Ozone												
2nd highest daily max	ns	1	0.11	0.104	0.097	0.091	0.106	0.107	0.104	0.106	0.099	0.109
4th highest daily max 8-h average	ns	1	0.092	0.088	0.084	0.08	0.089	0.09	0.092	0.085	0.085	0.095
<b>Sacramento, CA</b>												
CO	Maximum quarterly value	down	1	0.01	0.007	0.005	0.006	0.005	0.046	0.005	0.005	0.005
2nd max (daily-non-overlapping 8-h)	down	3	6.5	6.633	5	5	4.8	4.933	4.9	3.767	4.167	3.3
SO2	2nd daily max	up	2	0.004	0.005	0.005	0.004	0.005	0.01	0.008	0.01	0.007
Annual mean	up	2	0.001	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002
NO2	Annual mean	ns	3	0.018	0.016	0.017	0.017	0.015	0.016	0.017	0.016	0.016
Ozone												
2nd highest daily max	ns	3	0.117	0.105	0.131	0.12	0.095	0.14	0.113	0.113	0.113	0.117
4th highest daily max 8-h average	ns	3	0.085	0.086	0.093	0.093	0.078	0.093	0.088	0.086	0.087	0.094
PM10*												
90th percentile	ns	3	57.667	44.333	53.333	39.667	37	45	54.333	43	46.667	43
Weighted annual mean	ns	3	30.6	28.367	26.7	24.2	23.033	23.833	29.333	24.733	27.167	26.767
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	67	49	53	63
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	16.58	12.37	11.63	14.33
<b>St. Cloud, MN</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5	6.4	4.4	4	4	3.8	3.3	2.7	2.6	2.9
<b>St. Joseph, MO</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	28.2	26.8	29	30.9
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.48	11.89	12.9	13
<b>St. Louis, MO-IL</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	3.6	3.8	3.2	3.9	3.7	4	2.3	2.2	2.6	6.9
SO2												
2nd daily max	ns	3	0.048	0.051	0.047	0.059	0.042	0.042	0.042	0.038	0.043	0.045
Annual mean	down	3	0.011	0.012	0.01	0.011	0.009	0.009	0.009	0.007	0.006	0.006
NO2												
Annual mean	ns	1	0.024	0.028	0.026	0.025	0.025	0.026	0.027	0.026	0.025	0.023
Ozone												
2nd highest daily max	ns	3	0.118	0.126	0.124	0.111	0.106	0.115	0.126	0.108	0.103	0.118
4th highest daily max 8-h average	ns	3	0.085	0.095	0.095	0.089	0.083	0.091	0.1	0.083	0.086	0.097
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	35.85	33.3	33.55	44.7
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	16.165	16.295	15.895	16.38
<b>Salem, OR</b>												
Ozone												
2nd highest daily max	ns	1	0.1	0.1	0.1	0.117	0.081	0.112	0.082	0.074	0.081	0.096
4th highest daily max 8-h average	ns	1	0.064	0.064	0.064	0.092	0.061	0.077	0.065	0.059	0.057	0.063
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	26.3	28.7	32.7	34.8
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	7.51	8.94	8.15	8.15
<b>Salinas, CA</b>												
Ozone												
2nd highest daily max	down	1	0.09	0.09	0.08	0.089	0.078	0.073	0.074	0.084	0.078	0.077
4th highest daily max 8-h average	ns	1	0.077	0.068	0.064	0.07	0.061	0.057	0.063	0.063	0.063	0.066
PM10*												
90th percentile	ns	1	25	24	23	23	21	17	26	19	23	23
Weighted annual mean	ns	1	15.7	15.3	13.4	14.2	14.3	12.2	15.4	12.7	14.6	14.4
<b>Salt Lake City-Ogden, UT</b>												
CO	Maximum quarterly value	ns	1	0.096	0.054	0.066	0.032	0.105	0.094	0.082	0.068	0.042
2nd max (daily-non-overlapping 8-h)	down	2	5.95	5.7	5	6.55	5.95	5.3	5.1	4.55	3.95	3.4

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
SO2												
2nd daily max	down	1	0.052	0.014	0.012	0.021	0.011	0.01	0.01	0.013	0.013	0.01
Annual mean	down	1	0.009	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
NO2												
Annual mean	ns	2	0.022	0.021	0.021	0.023	0.022	0.021	0.023	0.022	0.022	0.021
Ozone												
2nd highest daily max	ns	2	0.104	0.109	0.115	0.114	0.102	0.122	0.107	0.096	0.105	0.107
4th highest daily max 8-h average	ns	2	0.079	0.081	0.083	0.085	0.077	0.094	0.08	0.075	0.079	0.085
PM10*												
90th percentile	ns	2	80	66	65	79	63	56	69	66	64	66.5
Weighted annual mean	ns	2	43.9	38.65	36.75	41.35	36.65	32.9	36.95	37.65	37.95	36.65
PM2.5*												
98th percentile	NA	4	ND	ND	ND	ND	ND	ND	42.925	50.125	61.55	56.725
Weighted annual mean	NA	4	ND	ND	ND	ND	ND	ND	10.315	11.575	12.438	13.295
<b>San Antonio, TX</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.3	3.3	4.3	4.5	4.4	4.6	4.2	2.7	2.7	2.6
Ozone												
2nd highest daily max	ns	1	0.111	0.101	0.121	0.11	0.103	0.107	0.109	0.094	0.089	0.126
4th highest daily max 8-h average	ns	1	0.084	0.083	0.095	0.082	0.084	0.089	0.091	0.077	0.078	0.104
PM2.5*												
98th percentile	NA	2	ND	22	17.7	26.15						
Weighted annual mean	NA	2	ND	9.365	8.2	9.005						
<b>San Diego, CA</b>												
CO												
Maximum quarterly value	ns	2	0.032	0.017	0.026	0.023	0.024	0.018	0.028	0.035	0.045	0.024
SO2												
2nd daily max	ns	3	0.009	0.013	0.012	0.015	0.012	0.011	0.012	0.01	0.01	0.009
Annual mean	ns	3	0.002	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.004
NO2												
Annual mean	ns	5	0.019	0.02	0.021	0.019	0.019	0.019	0.021	0.019	0.018	0.019
Ozone												
2nd highest daily max	down	5	0.122	0.111	0.119	0.106	0.115	0.106	0.098	0.097	0.099	0.096
4th highest daily max 8-h average	down	5	0.089	0.084	0.084	0.084	0.082	0.082	0.072	0.074	0.074	0.074
PM10*												
90th percentile	ns	3	57.667	60.667	70.667	49.667	54.667	49.667	61	54	62	59
Weighted annual mean	ns	3	37.1	39.9	37.967	32.067	35.5	30.733	38.267	36.733	36.933	38.933
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	40.067	43.133	37.267	36.967
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	16.91	14.85	16.523	15.157
<b>San Francisco, CA</b>												
CO												
Maximum quarterly value	down	1	0.026	0.016	0.027	0.014	0.02	0.013	0.012	0.011	0.01	0.014
SO2												
2nd max (daily-non-overlapping 8-h)	down	3	4.3	3.967	3.2	3.5	3.167	3.5	3.333	2.767	2.867	2.233
NO2												
Annual mean	ns	1	0.01	0.005	0.005	0.007	0.006	0.006	0.007	0.007	0.005	0.002
Ozone												
2nd highest daily max	ns	3	0.083	0.072	0.094	0.082	0.074	0.063	0.082	0.067	0.074	0.069
4th highest daily max 8-h average	ns	3	0.048	0.049	0.061	0.055	0.048	0.045	0.052	0.045	0.05	0.049
PM10*												
90th percentile	ns	3	40.333	42.667	35	35	32.333	34.333	43.667	36.333	40.333	35.667
Weighted annual mean	down	3	25.967	25.267	21.733	21.867	23.1	21.4	24.333	21.633	23	21.2
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	53.4	36.9	46.1	36.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.13	10.9	11.31	12.6
<b>San Jose, CA</b>												
CO												
Maximum quarterly value	down	1	0.03	0.019	0.018	0.013	0.012	0.016	0.012	0.014	0.011	0.011
2nd max (daily-non-overlapping 8-h)	ns	1	6.7	7.5	5.8	5.8	5.6	6.3	6.2	6.9	5	5

**Metropolitan Statistical Area Air Quality Trends, 1993-2002**

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
NO2												
Annual mean	down	1	0.027	0.028	0.027	0.025	0.025	0.025	0.026	0.025	0.024	0.024
Ozone												
2nd highest daily max	ns	2	0.1	0.102	0.12	0.109	0.087	0.121	0.107	0.092	0.106	0.09
4th highest daily max 8-h average	down	2	0.074	0.073	0.084	0.08	0.064	0.078	0.071	0.06	0.07	0.064
PM10*												
90th percentile	ns	1	48	57	48	36	36	41	47	52	46	46
Weighted annual mean	ns	1	27.6	30.4	25.3	24.5	25.4	25.1	28.7	26.8	28.9	28.9
San Juan-Bayamon, PR												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	16.8	18.1	14.9	11.4
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	7.51	7.26	6.83	6.43
San Luis Obispo-Atascadero-Paso Robles												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.1	3.1	2.4	2.3	2.3	2	2.9	2.2	1.7	1.6
SO2												
2nd daily max	ns	1	0.028	0.028	0.028	0.029	0.026	0.03	0.027	0.028	0.028	0.021
Annual mean	down	1	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.004
NO2												
Annual mean	down	2	0.014	0.014	0.012	0.012	0.012	0.012	0.013	0.012	0.011	0.01
Ozone												
2nd highest daily max	ns	3	0.088	0.087	0.091	0.1	0.079	0.093	0.085	0.078	0.085	0.083
4th highest daily max 8-h average	ns	3	0.067	0.07	0.071	0.079	0.066	0.076	0.069	0.065	0.068	0.07
PM10*												
90th percentile	ns	2	45.5	37	39	31.5	29	28	34	36.5	30.5	30.5
Weighted annual mean	down	2	23.2	21.15	22.25	19.4	20.75	17.35	20.75	19.95	19.65	19.8
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	26.9	41	50.7	25.7
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	9.32	10.31	10.12	9.23
Santa Barbara-Santa Maria-Lompoc, CA M												
CO												
2nd max (daily-non-overlapping 8-h)	down	3	1.867	1.933	1.333	1.267	1.267	1.267	1.267	1.2	1.333	1.1
SO2												
2nd daily max	down	4	0.004	0.004	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
Annual mean	ns	4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NO2												
Annual mean	down	5	0.007	0.007	0.007	0.007	0.007	0.006	0.007	0.007	0.006	0.006
Ozone												
2nd highest daily max	down	5	0.103	0.101	0.118	0.114	0.089	0.093	0.083	0.088	0.085	0.082
4th highest daily max 8-h average	down	5	0.079	0.077	0.081	0.084	0.073	0.07	0.068	0.069	0.07	0.067
PM10*												
90th percentile	ns	3	35.333	33	28.667	29.667	31.333	29.667	29.667	33.333	28.667	29
Weighted annual mean	ns	3	21.1	20.733	18.4	17.267	20.067	17.633	18.9	20.433	18.067	17.933
PM2.5*												
98th percentile	NA	1	ND	19.3	23.4	19.4						
Weighted annual mean	NA	1	ND	9.77	10.4	9.52						
Santa Cruz-Watsonville, CA												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	1	1.2	0.8	0.7	0.7	0.8	0.7	0.7	0.9	0.8
SO2												
2nd daily max	ns	1	0.006	0.006	0.008	0.003	0.002	0.003	0.002	0.003	0.006	0.007
Annual mean	ns	1	0.002	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001
NO2												
Annual mean	down	1	0.006	0.006	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.005
Ozone												
2nd highest daily max	ns	2	0.075	0.074	0.073	0.086	0.071	0.074	0.078	0.074	0.075	0.074
4th highest daily max 8-h average	ns	2	0.06	0.056	0.058	0.062	0.057	0.059	0.064	0.057	0.059	0.058
PM10*												
90th percentile	ns	1	49	49	65	61	65	47	53	41	50	45
Weighted annual mean	ns	1	31.1	31.1	36.4	32.8	36.9	28.5	30.9	26.2	28.7	26.8
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	21.9	17.9	23.1	22
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	9.2	7.93	9.13	8.6

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Santa Fe, NM</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.4	2.7	2.3	2.2	2.1	2	1.7	1.7	2.1	1.5
PM10*												
90th percentile	ns	2	21.5	21	17.5	20	19	20	18.5	19.5	17	21
Weighted annual mean	ns	2	14.4	13.25	12.25	13.45	13	13.6	12.95	12.05	12.15	13.75
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	11	9.5	10.1	13.9
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	4.89	4.9	4.73	4.94
<b>Santa Rosa, CA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.8	3.2	2.4	3	3.1	3	3.3	2.7	2.3	2
NO2												
Annual mean	down	1	0.016	0.015	0.015	0.014	0.013	0.015	0.014	0.013	0.013	0.013
Ozone												
2nd highest daily max	ns	2	0.085	0.085	0.089	0.08	0.089	0.084	0.096	0.07	0.083	0.075
4th highest daily max 8-h average	ns	2	0.061	0.06	0.065	0.062	0.064	0.063	0.073	0.056	0.059	0.058
PM10*												
90th percentile	ns	3	33	28.667	25.333	26	23.667	24.667	32.333	27	28.333	24.667
Weighted annual mean	ns	3	19.133	18.1	15.033	15.633	15.567	14.7	18.567	14.8	16.833	15.867
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	44.5	36.8	41.4	42.4
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.11	10.31	10.8	10.54
<b>Sarasota-Bradenton, FL</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	6.5	5.3	5.9	5.1	5.3	5.6	4.95	4.3	3.4	3.4
SO2												
2nd daily max	ns	1	0.012	0.012	0.012	0.015	0.012	0.014	0.011	0.019	0.013	0.013
Annual mean	ns	1	0.003	0.003	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.002
Ozone												
2nd highest daily max	ns	2	0.102	0.095	0.097	0.094	0.104	0.12	0.111	0.106	0.109	0.088
4th highest daily max 8-h average	ns	2	0.078	0.079	0.076	0.075	0.08	0.089	0.084	0.084	0.084	0.072
PM10*												
90th percentile	ns	2	37	34.5	30.5	27	32	33	34	33	30.5	29
Weighted annual mean	ns	2	25.25	21.5	19.75	19.05	21.1	21.25	21.55	22.2	21.6	18.2
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	30.75	26.9	28.6	21.7
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	11.095	10.64	10.205	8.885
<b>Savannah, GA</b>												
SO2												
2nd daily max	ns	1	0.023	0.023	0.023	0.03	0.024	0.027	0.018	0.024	0.02	0.022
Annual mean	down	1	0.006	0.006	0.006	0.005	0.004	0.003	0.003	0.003	0.003	0.003
Ozone												
2nd highest daily max	ns	1	0.089	0.089	0.089	0.085	0.08	0.097	0.107	0.102	0.085	0.083
4th highest daily max 8-h average	ns	1	0.073	0.073	0.073	0.072	0.071	0.075	0.083	0.079	0.067	0.065
PM2.5*												
98th percentile	NA	1	ND	32.1	30.5	27.3						
Weighted annual mean	NA	1	ND	15.38	14.71	13.09						
<b>Scranton-Wilkes-Barre-Hazleton, PA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	2.9	3.55	2.8	3.8	3.05	2.5	2.15	2.15	2.05	2.1
SO2												
2nd daily max	ns	2	0.026	0.035	0.036	0.028	0.029	0.024	0.022	0.024	0.029	0.024
Annual mean	ns	2	0.007	0.007	0.005	0.006	0.007	0.005	0.006	0.005	0.006	0.006
NO2												
Annual mean	down	2	0.018	0.018	0.016	0.018	0.016	0.015	0.015	0.014	0.015	0.014
Ozone												
2nd highest daily max	ns	3	0.111	0.103	0.107	0.109	0.104	0.105	0.111	0.086	0.099	0.121
4th highest daily max 8-h average	ns	3	0.091	0.086	0.09	0.083	0.089	0.088	0.094	0.074	0.087	0.092
PM10*												
90th percentile	down	1	35	35	42	36	35	35	32.5	30	33	34
Weighted annual mean	ns	1	16	16	23.3	21	20.3	20	18.6	17.2	19.5	18.4

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	31.25	32.2	37.05	35.45
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	11.77	12.16	13.22	12.22
<b>Seattle-Bellevue-Everett, WA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	6.7	7	6.1	6.8	6.5	5.5	5.9	5.2	6.5	5
NO2												
Annual mean	ns	1	0.019	0.019	0.019	0.02	0.019	0.02	0.019	0.02	0.02	0.019
Ozone												
2nd highest daily max	ns	1	0.097	0.106	0.087	0.098	0.072	0.111	0.067	0.08	0.069	0.071
4th highest daily max 8-h average	down	1	0.06	0.06	0.062	0.073	0.058	0.063	0.054	0.056	0.051	0.054
PM10*												
90th percentile	down	2	61.5	42.5	46	36	43.5	34.5	33.5	41	30.5	28.5
Weighted annual mean	down	2	30.7	24.35	25.4	22.75	24.85	19.7	20.6	23.5	19.55	19.1
PM2.5*												
98th percentile	NA	4	ND	ND	ND	ND	ND	ND	27.5	29.65	26.9	28.225
Weighted annual mean	NA	4	ND	ND	ND	ND	ND	ND	9.233	10.023	9.208	9.15
<b>Sharon, PA</b>												
SO2												
2nd daily max	ns	1	0.029	0.047	0.032	0.029	0.032	0.029	0.039	0.024	0.033	0.024
Annual mean	down	1	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.006
Ozone												
2nd highest daily max	ns	1	0.105	0.111	0.113	0.103	0.111	0.121	0.108	0.098	0.113	0.118
4th highest daily max 8-h average	ns	1	0.083	0.09	0.095	0.09	0.092	0.106	0.091	0.081	0.094	0.103
<b>Shreveport-Bossier City, LA</b>												
SO2												
2nd daily max	ns	1	0.011	0.008	0.004	0.004	0.007	0.01	0.006	0.006	0.004	0.005
Annual mean	ns	1	0.004	0.002	0.001	0.002	0.002	0.003	0.002	0.002	0.002	0.002
Ozone												
2nd highest daily max	ns	1	0.122	0.094	0.092	0.096	0.103	0.111	0.108	0.129	0.105	0.091
4th highest daily max 8-h average	ns	1	0.092	0.08	0.078	0.078	0.083	0.088	0.094	0.093	0.084	0.076
PM10*												
90th percentile	down	1	45	41	41	31	37	37	37	37	34	35
Weighted annual mean	down	1	25.3	25.5	24.1	22.1	23.3	22.85	22.4	23.9	21.7	21.3
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	30.9	30.7	28.1	31.8
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	14.16	13.77	13.15	12.37
<b>Sioux City, IA-NE</b>												
PM10*												
90th percentile	ns	1	40	42	55	72	53	45	48	43	51	46
Weighted annual mean	ns	1	22.2	22.9	26	32.1	27.9	27.9	28	25.4	28.6	27.1
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	24.9	31.4	24.5	24.7
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	9.92	9.54	10.55	9.63
<b>Sioux Falls, SD</b>												
PM10*												
90th percentile	ns	1	27	42	40	32	39	36	37	33	42	31
Weighted annual mean	ns	1	18.2	23.5	23.1	22.2	22.6	22.2	22.1	19.8	24.3	20.8
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	32.6	28.35	21.15	22.3
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	12.21	9.305	10.08	9.09
<b>South Bend, IN</b>												
Ozone												
2nd highest daily max	ns	2	0.087	0.096	0.112	0.107	0.114	0.115	0.103	0.093	0.107	0.123
4th highest daily max 8-h average	ns	2	0.076	0.084	0.091	0.089	0.091	0.092	0.089	0.08	0.086	0.102
PM10*												
90th percentile	ns	1	36	43	45	35	30	44	39	30	29	30
Weighted annual mean	down	1	23.4	28.6	22.9	20.2	17	23.9	23.2	19.4	17.2	16.7
PM2.5*												
98th percentile	NA	2	ND	33.3	37.2	32.05						
Weighted annual mean	NA	2	ND	13.885	14.635	14.165						
<b>Spokane, WA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	9.8	8.1	8.4	9	6.3	5.6	5.7	5.6	5.2	4.9

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ozone												
2nd highest daily max	ns	1	0.069	0.085	0.08	0.079	0.083	0.082	0.073	0.082	0.084	0.086
4th highest daily max 8-h average	up	1	0.06	0.068	0.065	0.067	0.068	0.07	0.065	0.068	0.071	0.071
PM10*												
90th percentile	down	2	71	65	55.5	52	48	50	47	47.5	45.5	52
Weighted annual mean	down	2	39.25	36.1	29.6	30.95	28.05	28.3	26.35	27.8	27.7	29.55
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	30	35.5	28.4	37.9
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	10.26	10.95	10.12	10.2
<b>Springfield, IL</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.9	3.1	3.2	3	2.1	1.9	2.4	1.7	2.8	1.5
SO2												
2nd daily max	ns	1	0.04	0.05	0.062	0.061	0.043	0.061	0.059	0.035	0.028	0.017
Annual mean	ns	1	0.006	0.006	0.006	0.006	0.006	0.007	0.006	0.005	0.004	0.004
Ozone												
2nd highest daily max	ns	1	0.106	0.101	0.1	0.098	0.085	0.093	0.099	0.1	0.095	0.095
4th highest daily max 8-h average	ns	1	0.081	0.081	0.08	0.079	0.071	0.078	0.075	0.079	0.073	0.08
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	38.8	32.2	33.3	31.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	15.88	13.36	13.25	13.55
<b>Springfield, MO</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.3	5.9	4.1	3.3	4.6	4	3.1	2.6	2.9	3.3
SO2												
2nd daily max	down	2	0.04	0.067	0.021	0.044	0.022	0.021	0.021	0.02	0.024	0.018
Annual mean	ns	2	0.006	0.008	0.003	0.005	0.002	0.004	0.004	0.004	0.004	0.003
NO2												
Annual mean	ns	1	0.011	0.013	0.012	0.011	0.011	0.012	0.013	0.012	0.013	0.011
Ozone												
2nd highest daily max	ns	2	0.075	0.093	0.098	0.086	0.08	0.09	0.094	0.088	0.089	0.087
4th highest daily max 8-h average	ns	2	0.069	0.072	0.079	0.074	0.066	0.071	0.078	0.076	0.072	0.076
PM10*												
90th percentile	ns	1	30	28	28	26	24	29	28	30	30	29
Weighted annual mean	ns	1	17.5	17.6	17.3	17.9	15.4	17.5	17.5	18.4	19.8	17.9
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	30.4	26.7	28.5	27.8
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.22	12.26	12.23	12.66
<b>Springfield, MA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	6.1	7.5	7.9	7.1	5.1	4.1	4.8	3.8	2.95	3.45
SO2												
2nd daily max	ns	1	0.026	0.041	0.031	0.027	0.02	0.019	0.019	0.023	0.022	0.025
Annual mean	ns	1	0.007	0.008	0.006	0.006	0.005	0.004	0.004	0.005	0.006	0.005
NO2												
Annual mean	ns	2	0.02	0.023	0.019	0.02	0.017	0.016	0.017	0.019	0.019	0.019
Ozone												
2nd highest daily max	ns	2	0.132	0.125	0.128	0.105	0.12	0.105	0.105	0.098	0.113	0.137
4th highest daily max 8-h average	ns	2	0.097	0.092	0.093	0.082	0.092	0.087	0.085	0.075	0.086	0.103
PM10*												
90th percentile	ns	2	47.5	44	38.5	41	38	42.5	43.5	40.5	45	40.5
Weighted annual mean	ns	2	24.75	27.25	22.65	25	25.15	23.35	26.6	24.4	25.75	23.8
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	41.1	33.05	37.6	42.9
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	14.66	11.985	12.485	12.2
<b>Stamford-Norwalk, CT</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.2	6.2	5.4	4.1	5.1	3.8	3.8	3	3.1	3.2
SO2												
2nd daily max	ns	1	0.032	0.057	0.032	0.026	0.03	0.025	0.026	0.026	0.035	0.035
Annual mean	down	1	0.008	0.01	0.011	0.005	0.006	0.006	0.006	0.005	0.006	0.005

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ozone												
2nd highest daily max	ns	1	0.145	0.155	0.136	0.121	0.142	0.113	0.143	0.123	0.13	0.15
4th highest daily max 8-h average	ns	1	0.101	0.107	0.102	0.093	0.101	0.089	0.107	0.084	0.098	0.103
PM10*												
90th percentile	ns	1	44	58	56	50	48	42	44	45	48	51
Weighted annual mean	down	1	29.7	36.4	32.1	32.3	31.3	28.1	28.7	30.5	28.3	27.8
PM2.5*												
98th percentile	NA	2	ND	34.85	35.95	33.8						
Weighted annual mean	NA	2	ND	12.975	12.54	12.115						
<b>Steubenville-Weirton, OH-WV</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	2	7.55	8.9	5.95	4.85	6.1	8.95	3.45	6.4	6.25	9.2
SO2												
2nd daily max	down	4	0.12	0.125	0.063	0.056	0.054	0.045	0.056	0.047	0.043	0.046
Annual mean	ns	4	0.024	0.021	0.011	0.011	0.013	0.012	0.013	0.012	0.012	0.011
Ozone												
2nd highest daily max	ns	1	0.093	0.096	0.108	0.099	0.097	0.099	0.108	0.088	0.093	0.113
4th highest daily max 8-h average	ns	1	0.081	0.082	0.091	0.082	0.083	0.088	0.091	0.072	0.083	0.1
PM10*												
90th percentile	down	2	75.5	77.5	66.5	69	59	65	54	55	55	63
Weighted annual mean	down	2	39.95	40.75	37.9	36.6	31.9	33.1	29.5	30.15	30.85	30.65
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	42.75	46.4	45.85	49.65
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	18.145	18.39	17.79	17.4
<b>Stockton-Lodi, CA</b>												
CO												
Maximum quarterly value	down	1	0.024	0.015	0.019	0.023	0.014	0.013	0.009	0.012	0.008	0.01
NO2												
2nd max (daily-non-overlapping 8-h)	down	1	5.1	6.4	4.4	5.3	3.4	5.3	4.5	3.7	3.6	3.2
Annual mean	down	1	0.024	0.024	0.022	0.023	0.022	0.023	0.024	0.021	0.019	0.021
Ozone												
2nd highest daily max	ns	2	0.11	0.12	0.125	0.101	0.094	0.108	0.12	0.103	0.102	0.099
4th highest daily max 8-h average	down	2	0.083	0.086	0.087	0.079	0.073	0.085	0.083	0.078	0.078	0.077
PM10*												
90th percentile	ns	1	84	63	49	40	47	53	69	60	55	56
Weighted annual mean	ns	1	39.1	36.9	31.4	27.4	29.7	29.1	36.4	31.5	35.8	34.9
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	79	55	58	50
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	19.56	15.62	13.85	16.68
<b>Syracuse, NY</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.6	6.5	3.3	3.9	4	3	3.1	2.4	2.2	2.1
SO2												
2nd daily max	down	2	0.018	0.02	0.016	0.014	0.017	0.01	0.014	0.017	0.011	0.012
Annual mean	down	2	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.003	0.003	0.003
Ozone												
2nd highest daily max	ns	2	0.097	0.095	0.1	0.085	0.096	0.093	0.092	0.083	0.096	0.1
4th highest daily max 8-h average	ns	2	0.083	0.077	0.086	0.073	0.078	0.082	0.084	0.074	0.084	0.088
PM2.5*												
98th percentile	NA	2	ND	28.65	35.3	38.8						
Weighted annual mean	NA	2	ND	11.545	11.07	11.205						
<b>Tacoma, WA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	6	6	6.3	6.3	6.8	5.8	6.6	5.5	5	4.5
PM10*												
90th percentile	ns	1	52	41	43	43	50	35	44	48	38	36
Weighted annual mean	ns	1	28.4	23.1	26	23.1	27.4	21.1	23.1	28.4	20.5	20.8
PM2.5*												
98th percentile	NA	1	ND	49	41.5	42.9						
Weighted annual mean	NA	1	ND	13	11.39	10.56						

**Metropolitan Statistical Area Air Quality Trends, 1993-2002**

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Tallahassee, FL</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	31.3	29.5	31.4	28.4
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	13.92	13.64	12.51	12.92
<b>Tampa-St. Petersburg-Clearwater, FL MS</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	3.9	3.5	5	3.9	3.7	4.1	3.3	3.1	3	3.8
SO2												
2nd daily max	down	2	0.032	0.043	0.032	0.025	0.034	0.027	0.028	0.024	0.026	0.022
Annual mean	down	2	0.007	0.007	0.006	0.005	0.006	0.006	0.006	0.005	0.005	0.005
NO2												
Annual mean	ns	1	0.01	0.01	0.011	0.01	0.01	0.011	0.01	0.011	0.011	0.011
Ozone												
2nd highest daily max	ns	3	0.091	0.097	0.107	0.111	0.109	0.122	0.111	0.106	0.113	0.091
4th highest daily max 8-h average	ns	3	0.072	0.076	0.08	0.081	0.084	0.089	0.085	0.082	0.083	0.07
PM10*												
90th percentile	ns	2	39	40.5	46	49	48.5	45.5	50.5	44.5	44	37
Weighted annual mean	ns	2	28.35	27.8	28.3	29.85	30.95	29.35	30	29.6	27.6	24.75
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	24.6	30.6	27.9	22.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.92	12.39	11.7	10.75
<b>Terre Haute, IN</b>												
SO2												
2nd daily max	ns	1	0.035	0.033	0.035	0.039	0.025	0.032	0.024	0.055	0.058	0.027
Annual mean	ns	1	0.011	0.012	0.01	0.012	0.006	0.01	0.007	0.012	0.01	0.007
Ozone												
2nd highest daily max	ns	1	0.088	0.106	0.099	0.112	0.096	0.099	0.093	0.088	0.096	0.096
4th highest daily max 8-h average	ns	1	0.074	0.094	0.085	0.098	0.083	0.084	0.082	0.075	0.082	0.082
PM10*												
90th percentile	ns	2	48.5	42.5	53	39	40.5	43	45	44	39.5	36
Weighted annual mean	down	2	28.15	27.7	29.5	24.95	24.8	26.1	24.75	24.35	21.85	21.15
PM2.5*												
98th percentile	NA	1	ND	34.2	38.4	40.2						
Weighted annual mean	NA	1	ND	15.72	15.18	14.55						
<b>Texarkana, TX-Texarkana, AR</b>												
PM2.5*												
98th percentile	NA	1	ND	31	29.6	35.7						
Weighted annual mean	NA	1	ND	14.68	15.09	13.21						
<b>Toledo, OH</b>												
Maximum quarterly value	down	1	0.63	0.7	0.43	0.437	0.417	0.35	0.263	0.33	0.273	0.13
SO2												
2nd daily max	ns	1	0.025	0.056	0.024	0.014	0.021	0.021	0.052	0.017	0.02	0.026
Annual mean	ns	1	0.006	0.007	0.004	0.003	0.003	0.004	0.009	0.005	0.006	0.007
Ozone												
2nd highest daily max	ns	2	0.117	0.115	0.108	0.111	0.105	0.106	0.119	0.094	0.109	0.114
4th highest daily max 8-h average	ns	2	0.089	0.09	0.09	0.092	0.085	0.086	0.085	0.08	0.092	0.095
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	41	38.575	35.85	38.15
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	15.56	15.388	14.745	15.115
<b>Topeka, KS</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	26.1	23.5	22.8	29.1
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.32	10.73	10.71	11.14
<b>Trenton, NJ</b>												
NO2												
Annual mean	ns	1	0.016	0.016	0.016	0.017	0.017	0.015	0.017	0.016	0.017	0.016
Ozone												
2nd highest daily max	ns	1	0.135	0.14	0.132	0.121	0.126	0.113	0.149	0.113	0.134	0.133
4th highest daily max 8-h average	ns	1	0.102	0.103	0.107	0.09	0.106	0.095	0.113	0.099	0.104	0.109
PM10*												
90th percentile	ns	1	46	52	38	40	40	35	36	41	41	35
Weighted annual mean	down	1	26.6	29.1	23.9	26.7	27	23.9	20.6	25.6	23.3	21.1
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	28.3	31.5	31.85	32.2
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	11.14	12.06	11.765	11.47

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Tucson, AZ</b>												
CO												
2nd max (daily-non-overlapping 8 h)	down	2	4.55	4.35	4.25	3.95	3.5	3.15	2.9	3.55	2.3	2.2
SO2												
2nd daily max	ns	1	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.007	0.003	0.004
Annual mean	ns	1	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.001	0.001
NO2												
Annual mean	down	1	0.018	0.019	0.019	0.018	0.018	0.017	0.018	0.017	0.015	0.017
Ozone												
2nd highest daily max	down	2	0.097	0.098	0.103	0.091	0.093	0.094	0.09	0.084	0.08	0.089
4th highest daily max 8-h average	down	2	0.079	0.078	0.082	0.077	0.078	0.075	0.07	0.075	0.068	0.076
PM10*												
90th percentile	ns	2	45	36.5	56.5	45	48.5	55.5	65.5	61	48	52
Weighted annual mean	ns	2	28.05	25.7	34.4	32.85	33.45	37.35	44.55	37.95	31.65	36.25
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	21.75	11.95	17.75	20.85
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	9.22	7.3	7.205	6.49
<b>Tulsa, OK</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	4.5	4.7	4.5	6.8	6.3	4.7	3.5	3.7	4.1	3
SO2												
2nd daily max	ns	1	0.026	0.025	0.034	0.042	0.028	0.034	0.051	0.027	0.028	0.032
Annual mean	ns	1	0.006	0.004	0.008	0.008	0.008	0.01	0.008	0.006	0.008	0.006
Ozone												
2nd highest daily max	ns	1	0.117	0.112	0.121	0.115	0.114	0.11	0.114	0.122	0.107	0.108
4th highest daily max 8-h average	ns	1	0.077	0.091	0.096	0.088	0.081	0.092	0.091	0.088	0.084	0.083
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	28	29.5	29.5
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	12.53	12.96	12.26
<b>Tuscaloosa, AL</b>												
PM10*												
90th percentile	up	1	43	41	48	41	44	44	51	59	59	59
Weighted annual mean	up	1	26	25.9	27.4	26.2	25.2	28.3	28.1	28.7	28.7	28.7
<b>Utica-Rome, NY</b>												
SO2												
2nd daily max	ns	1	0.012	0.012	0.008	0.009	0.007	0.005	0.007	0.007	0.007	0.008
Annual mean	down	1	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.001
Ozone												
2nd highest daily max	ns	2	0.085	0.085	0.092	0.075	0.085	0.089	0.087	0.081	0.095	0.098
4th highest daily max 8-h average	up	2	0.067	0.072	0.077	0.063	0.073	0.074	0.076	0.067	0.08	0.083
PM10*												
90th percentile	ns	1	24	23	19	24	21	24	24	15	19	23
Weighted annual mean	ns	1	11.7	11.6	11.2	12.3	11.3	12.5	12	8.7	9.4	11.3
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	26.9	34.6	38.4
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	11.8	11.69	12.06
<b>Vallejo-Fairfield-Napa, CA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	2	5.55	5.2	4.2	4.15	4.4	4.2	4.15	3.75	3.35	3
SO2												
2nd daily max	down	1	0.007	0.007	0.005	0.006	0.005	0.005	0.006	0.005	0.004	0.004
Annual mean	ns	1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002
NO2												
Annual mean	down	2	0.015	0.015	0.015	0.014	0.013	0.013	0.014	0.013	0.013	0.013
Ozone												
2nd highest daily max	ns	2	0.1	0.095	0.106	0.1	0.08	0.104	0.102	0.073	0.081	0.086
4th highest daily max 8-h average	ns	2	0.07	0.066	0.076	0.071	0.054	0.064	0.075	0.056	0.062	0.065
PM10*												
90th percentile	ns	3	33	31.667	30.333	29	26.667	31.333	34.333	28.667	32	33.667
Weighted annual mean	ns	3	21.3	20.867	19	17.933	17.433	17.133	19.2	16.533	21.267	20.967
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	ND	44	56	54
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	ND	11.57	12.48	13.61

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Ventura, CA</b>												
CO	Maximum quarterly value	ns	1	0.01	0.01	0.01	0.008	0.008	0.006	0.013	0.011	0.009
SO2	2nd max (daily-non-overlapping 8-h)	down	2	2.45	2.75	3.15	2.35	2.35	2.25	1.9	2.05	2
NO2	2nd daily max	ns	1	0.004	0.004	0.003	0.003	0.011	0.011	0.005	0.007	0.009
Ozone	Annual mean	ns	1	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.004
PM10*	Annual mean	down	2	0.018	0.02	0.02	0.019	0.017	0.016	0.018	0.017	0.015
PM2.5*	2nd highest daily max	down	2	0.13	0.136	0.137	0.131	0.114	0.119	0.108	0.1	0.102
	4th highest daily max 8-h average	down	2	0.098	0.101	0.104	0.103	0.09	0.093	0.084	0.084	0.078
PM2.5*	90th percentile	ns	2	45.5	47	49.5	42	45	40	46	41.5	47
	Weighted annual mean	ns	2	28.2	29.85	27.15	26.45	29.8	22.8	28.8	27.75	29.8
PM2.5*	98th percentile	NA	2	ND	ND	ND	ND	ND	ND	32.6	37.1	36.2
	Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	12.975	13.94	14
<b>Victoria, TX</b>												
Ozone	2nd highest daily max	ns	1	0.098	0.094	0.104	0.087	0.092	0.093	0.102	0.094	0.085
Ozone	4th highest daily max 8-h average	ns	1	0.081	0.075	0.087	0.071	0.078	0.073	0.086	0.079	0.073
<b>Vineland-Millville-Bridgeton, NJ PMS</b>												
SO2	2nd daily max	ns	1	0.019	0.032	0.016	0.016	0.018	0.012	0.012	0.017	0.021
SO2	Annual mean	down	1	0.006	0.005	0.004	0.005	0.004	0.004	0.003	0.004	0.004
Ozone	2nd highest daily max	ns	1	0.121	0.102	0.126	0.105	0.115	0.117	0.117	0.117	0.129
Ozone	4th highest daily max 8-h average	ns	1	0.103	0.086	0.091	0.086	0.104	0.098	0.096	0.094	0.101
<b>Visalia-Tulare-Porterville, CA</b>												
CO	2nd max (daily-non-overlapping 8-h)	down	1	3.5	4	4.2	3.9	3.5	3.6	3.9	3.3	3.2
NO2	Annual mean	ns	1	0.023	0.023	0.023	0.018	0.019	0.017	0.021	0.018	0.018
Ozone	2nd highest daily max	down	2	0.138	0.137	0.118	0.131	0.114	0.13	0.116	0.111	0.117
Ozone	4th highest daily max 8-h average	ns	2	0.107	0.108	0.1	0.104	0.096	0.102	0.099	0.095	0.105
PM2.5*	98th percentile	NA	1	ND	ND	ND	ND	ND	ND	114	103	96
PM2.5*	Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	27.6	23.92	22.49
<b>Washington, DC-MD-VA-WV</b>												
CO	2nd max (daily-non-overlapping 8-h)	down	2	5.6	5.3	4.95	4.1	4.4	3.45	4.7	3.85	3.6
SO2	2nd daily max	ns	2	0.023	0.03	0.021	0.036	0.023	0.021	0.022	0.022	0.024
SO2	Annual mean	down	2	0.008	0.009	0.008	0.007	0.007	0.007	0.007	0.007	0.006
NO2	Annual mean	ns	4	0.027	0.027	0.023	0.024	0.023	0.024	0.023	0.022	0.024
Ozone	2nd highest daily max	ns	3	0.127	0.127	0.12	0.109	0.127	0.113	0.126	0.11	0.121
Ozone	4th highest daily max 8-h average	ns	3	0.099	0.09	0.097	0.083	0.093	0.097	0.099	0.081	0.096
PM2.5*	98th percentile	NA	4	ND	ND	ND	ND	ND	ND	37.4	39.725	42.25
PM2.5*	Weighted annual mean	NA	4	ND	ND	ND	ND	ND	ND	15.145	15.523	15.905
<b>Waterbury, CT</b>												
CO	Maximum quarterly value	ns	1	0.02	0.017	0.037	0.033	0.025	0.017	0.01	0.017	0.013
SO2	2nd daily max	ns	1	0.021	0.03	0.019	0.022	0.02	0.021	0.02	0.017	0.02
SO2	Annual mean	down	1	0.006	0.007	0.005	0.005	0.005	0.006	0.005	0.004	0.004
PM10*	90th percentile	down	1	43	41	37	45	36	32	32	30	35
PM10*	Weighted annual mean	down	1	22.6	25.1	23.6	25.4	23.3	21.6	19.2	19.9	19.8

**Metropolitan Statistical Area Air Quality Trends, 1993-2002**

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	38.4	34.4	35.4	32.6
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	13.22	13.56	13.97	13.13
<b>Waterloo-Cedar Falls, IA</b>												
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	30.3	28.7	30.2	24.1
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.05	11.37	11.8	10.95
<b>Wausau, WI</b>												
Ozone												
2nd highest daily max	ns	1	0.081	0.077	0.088	0.079	0.08	0.098	0.095	0.081	0.078	0.08
4th highest daily max 8-h average	ns	1	0.066	0.064	0.075	0.07	0.068	0.077	0.084	0.073	0.072	0.073
<b>West Palm Beach-Boca Raton, FL</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.1	2.8	2.8	2.5	3.5	2.5	2.8	2.7	2.2	2.3
SO2												
2nd daily max	down	1	0.028	0.016	0.019	0.014	0.013	0.004	0.013	0.008	0.003	0.002
Annual mean	down	1	0.004	0.003	0.002	0.002	0.002	0.001	0.002	0.002	0.001	0.001
NO2												
Annual mean	up	1	0.013	0.012	0.012	0.013	0.013	0.013	0.014	0.016	0.017	0.017
PM10*												
90th percentile	ns	1	30	30	30	42	34	34	30	30	30	24
Weighted annual mean	ns	1	18.6	18.6	18.6	22.6	20.4	25.7	19	19.4	19.7	15.4
PM2.5*												
98th percentile	NA	1	ND	26.9	18	16.1						
Weighted annual mean	NA	1	ND	9.37	7.69	7.04						
<b>Wheeling, WV-OH</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	4.1	4.6	5	3.5	3.1	3.5	3	2.3	1.9	1.6
SO2												
2nd daily max	down	2	0.064	0.067	0.061	0.059	0.048	0.051	0.047	0.043	0.04	0.036
Annual mean	down	2	0.018	0.016	0.013	0.012	0.012	0.013	0.012	0.011	0.01	0.011
Ozone												
2nd highest daily max	ns	1	0.11	0.095	0.104	0.105	0.11	0.104	0.1	0.093	0.104	0.111
4th highest daily max 8-h average	ns	1	0.077	0.078	0.089	0.087	0.082	0.087	0.088	0.071	0.088	0.097
PM10*												
90th percentile	down	1	49	46	45	38	40	45	43	39	41	39
Weighted annual mean	down	1	27.5	27	27.7	27	23.2	24.8	25.1	23.2	24	23.3
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	36.15	34.45	37.75	40.3
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	16.51	15.88	15.8	15.32
<b>Wichita, KS</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5.6	6.5	5.4	6.1	5.3	5.3	4.5	3.7	4.1	3.7
Ozone												
2nd highest daily max	ns	1	0.08	0.08	0.09	0.095	0.092	0.1	0.095	0.093	0.096	0.092
4th highest daily max 8-h average	up	1	0.059	0.067	0.069	0.074	0.079	0.083	0.079	0.08	0.084	0.079
PM10*												
90th percentile	down	1	54	42	50	43	39	46	38	38	36	37
Weighted annual mean	down	1	32.6	24.6	26	25.8	21.8	25.2	23.2	21.7	22.2	21.6
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	25.75	25.85	25	27.9
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	12.205	11.695	11.18	10.76
<b>Wilmington-Newark, DE-MD</b>												
CO												
2nd max (daily-non-overlapping 8-h)	ns	1	1.7	1.7	1.5	1.6	1.1	1.3	1.4	1.6	1.6	1.2
SO2												
2nd daily max	down	1	0.06	0.056	0.098	0.067	0.057	0.044	0.049	0.047	0.043	0.054
Annual mean	down	1	0.012	0.011	0.013	0.011	0.01	0.008	0.008	0.006	0.006	0.006
Ozone												
2nd highest daily max	ns	2	0.118	0.108	0.136	0.108	0.124	0.118	0.128	0.115	0.112	0.132
4th highest daily max 8-h average	ns	2	0.086	0.082	0.105	0.085	0.093	0.093	0.1	0.09	0.092	0.101

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
PM2.5*												
98th percentile	NA	3	ND	ND	ND	ND	ND	ND	35.35	39.1	41.133	36.633
Weighted annual mean	NA	3	ND	ND	ND	ND	ND	ND	15.135	15.783	16.29	14.297
<b>Wilmington, NC</b>												
SO2												
2nd daily max	ns	1	0.063	0.063	0.063	0.036	0.028	0.026	0.027	0.03	0.039	0.04
Annual mean	down	1	0.009	0.009	0.009	0.007	0.007	0.007	0.007	0.006	0.006	0.007
Ozone												
2nd highest daily max	down	1	0.104	0.104	0.097	0.09	0.102	0.102	0.081	0.097	0.089	0.091
4th highest daily max 8-h average	ns	1	0.081	0.081	0.079	0.076	0.083	0.086	0.067	0.08	0.078	0.08
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	37.4	28	25.4	22.9
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	12.81	12.48	11.49	10.36
<b>Worcester, MA-CT</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	6.1	5.9	4.2	5.3	3.4	3.5	3.3	2.6	2.6	2.9
SO2												
2nd daily max	down	1	0.025	0.024	0.023	0.021	0.021	0.017	0.013	0.019	0.022	0.018
Annual mean	ns	1	0.007	0.008	0.006	0.005	0.004	0.005	0.004	0.006	0.005	0.005
NO2												
Annual mean	down	1	0.028	0.025	0.021	0.019	0.019	0.019	0.02	0.018	0.02	0.017
Ozone												
2nd highest daily max	ns	1	0.155	0.125	0.118	0.091	0.106	0.124	0.113	0.098	0.118	0.127
4th highest daily max 8-h average	ns	1	0.092	0.097	0.096	0.074	0.092	0.097	0.093	0.076	0.088	0.091
PM10*												
90th percentile	down	1	37	35	32	29	34	27	34	31	30	30
Weighted annual mean	down	1	20.3	20.3	20.1	19.1	20.3	18.2	20.8	19	17.7	15.3
PM2.5*												
98th percentile	NA	2	ND	ND	ND	ND	ND	ND	35.5	29.55	34.75	37.5
Weighted annual mean	NA	2	ND	ND	ND	ND	ND	ND	13.34	11.955	13.01	11.23
<b>Yolo, CA</b>												
Ozone												
2nd highest daily max	ns	1	0.09	0.097	0.108	0.113	0.092	0.109	0.115	0.101	0.099	0.104
4th highest daily max 8-h average	ns	1	0.076	0.076	0.083	0.087	0.068	0.087	0.088	0.08	0.075	0.076
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	56	38	35	31
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	16.29	10.25	10.39	10.72
<b>York, PA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	3.3	3.9	2.7	2.8	3.4	2.4	2.4	1.8	2.2	2.2
SO2												
2nd daily max	down	1	0.032	0.041	0.02	0.022	0.026	0.023	0.019	0.02	0.019	0.014
Annual mean	ns	1	0.008	0.009	0.006	0.007	0.009	0.008	0.007	0.006	0.006	0.005
NO2												
Annual mean	down	1	0.022	0.024	0.021	0.021	0.019	0.019	0.019	0.018	0.02	0.017
Ozone												
2nd highest daily max	ns	1	0.112	0.115	0.097	0.098	0.109	0.112	0.121	0.112	0.104	0.124
4th highest daily max 8-h average	ns	1	0.09	0.082	0.086	0.081	0.094	0.095	0.094	0.09	0.087	0.101
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	34.9	41.1	41.3	47.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	15.4	16.55	16.62	17.09
<b>Youngstown-Warren, OH</b>												
PM10*												
90th percentile	down	1	48	46	53	37	41	45	40	40	33	39
Weighted annual mean	down	1	25.9	29.3	32.5	26.2	24.8	26.5	24.7	25.5	22.7	22.1
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	38.6	34.6	44.8	38.3
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	16.94	15.97	16.36	14.75
<b>Yuba City, CA</b>												
CO												
2nd max (daily-non-overlapping 8-h)	down	1	5	5.6	4.1	4.1	3.9	3.9	4.2	3.6	3.4	3.2
NO2												
Annual mean	ns	1	0.018	0.016	0.014	0.013	0.014	0.013	0.014	0.013	0.014	0.015

### Metropolitan Statistical Area Air Quality Trends, 1993-2002

Metropolitan Statistical Area	Trend	#Trend Sites	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Ozone												
2nd highest daily max	ns	1	0.09	0.107	0.102	0.108	0.09	0.102	0.103	0.097	0.099	0.101
4th highest daily max 8-h average	ns	1	0.078	0.089	0.085	0.085	0.072	0.088	0.083	0.079	0.081	0.08
PM10*												
90th percentile	ns	1	59	51	68	50	48	44	68	40	52	49
Weighted annual mean	ns	1	30.4	34.1	32.2	29.2	28.6	23.1	38.4	27.9	29	30.4
PM2.5*												
98th percentile	NA	1	ND	ND	ND	ND	ND	ND	53	37	54	35
Weighted annual mean	NA	1	ND	ND	ND	ND	ND	ND	15.85	11.46	11.79	12.64
Yuma, AZ												
PM10*												
90th percentile	up	1	50	51	67	52	62	75	59	68	84.5	101
Weighted annual mean	up	1	31.8	31.1	35.1	37.1	36.6	40.1	35.2	42.3	45.1	47.9

\*PM2.5 does not have enough years to assess trends.